Subject Index

AIC

AIC COLOR 77 in Retrospect (Meeting Report), McCamy, C. S., **3**, 35 (1978)
AIC Symposium on Color Appearance (Meeting Report), Billmeyer, F. W., Jr., **4**, 230 (1979)
An Art Director's View of AIC COLOR 77 (Meeting Report), Weinstein, I., **3**, 36 (1978)
A Personal View of AIC COLOR 77 (Meeting Report), Chalmers, A. N., **3**, 40 (1978)
Recollections of AIC COLOR 77 (Meeting Report), Brocklebank, R., **3**, 37 (1978)
Reflections after AIC COLOR 77—A Painting in Words (Color Forum), deKatch, J., **3**, 206 (1978)

Appearance (other than color)

Color and Appearance—Bridging the Gap from Concept to Product, Styne, A. F., **1**, 79 (1976)
Review of *The Measurement of Appearance*, by Richard S. Hunter, Reviewed by McCamy, C. S., **2**, 45 (1977)
Review of *The Splendor of Iridescence, Structural Color in the Animal World*, by Hilda Simon, Reviewed by Greenstein, L. M., **1**, 162 (1976)
The Gloss Trap in Diffuse Reflectance Measurements (Color Forum), Budde, W., **5**, 73 (1980)

Architecture

Brightstyle: A New Architectural Treatment (Meeting Report), Folley, M. D., **1**, 139 (1976)
Colour in Art, Design, Science, and Industry—Bridging the Gap (Meeting Report), Pointer, M. R., **3**, 94 (1978)
Conference on Colour Dynamics '76, Organized by the Hungarian National Colour Committee, Member of the AIC (Meeting Report), Schanda, J. D., **1**, 209 (1976)
Review of *Color for Architecture*, by Tom Porter and Byron Mikellides, Reviewed by Styne, A. F., **2**, 194 (1977)

Art

Additive Color Mixture with Fluorescent Pigments and Special Illumination, Strain, R. A., **1**, 146 (1976)
A Design Study Simulating Iridescence, Garrett, A., **3**, 161 (1978)
A Sense of Illumination: Remarks on a New Approach to Color Expression, Birren, F., **2**, 69 (1977)
Canadian Society for Color (Meeting Report), Sharpe, L. T., **4**, 167 (1979)
Color Identification and Nomenclature: A History, Birren, F., **4**, 14 (1979)
Color Properties of Liquid Crystals and Their Application to Visual Arts, Makow, D. M., **4**, 25 (1979)
Color Stability of Artists' Vehicles, Levison, H. W., **3**, 7 (1978)
Colour in Art, Design, Science, and Industry—Bridging the Gap (Meeting Report), Pointer, M. R., **3**, 94 (1978)
Induced Color Demonstrations Utilizing Colored Shadows (Note), Luke, J. T., **1**, 202 (1976)
Letter to the Editor, Luke, J. T., **1**, 208 (1976)
Neo-Impressionism: The Most Scientific of All Schools of Color in Art, Birren, F., **4**, 200 (1979)
Reflections after AIC COLOR 77—A Painting in Words (Color Forum), deKatch, J., **3**, 206 (1978)
Review of *Artists' Pigments: Lightfastness Tests and Ratings*, by Henry W. Levison, Reviewed by Luke, J. T., **1**, 161 (1976)
Review of *Authenticity in Art, The Scientific Detection of Forgery*, by Stuart J. Fleming, Reviewed by Zucker, J., **3**, 47 (1978)
Review of *Color Perception in Art*, by Faber Birren, Reviewed by Welker, J. K., **2**, 97 (1977)
Review of *Color Theory and its Application in Art and Design*, by George A. Agoston, Reviewed by Luke, J. T., **5**, 123 (1980)
Review of *National Gallery Technical Bulletin, Vol. 2*, Reviewed by Zucker, J., **5**, 184 (1980)
Review of *The Sense of Color: A Portfolio of Visuals*, by Nathaniel Jacobson, Reviewed by Luke, J. T., **3**, 45 (1978)
The Chemistry behind the Artist's Palette, Orna, M. V., **3**, 189 (1978)
Toward a New Viewpoint for the Artist, Luke, J. T., **1**, 23 (1976)

Canadian Society

Canadian Society for Color (News), Moreland, J. D., **1**, 6 (1976)
Canadian Society for Color (Meeting Report), Sharpe, L. T., **4**, 167 (1979)
Fourth Annual Conference of the Canadian Society for Color, Ottawa, May 11–14, 1976 (Meeting Report), **1**, 159 (1976)

Chemistry

Color Properties of Liquid Crystals and Their Application to Visual Arts, Makow, D. M., **4**, 25 (1979)
Review of *Colour and Constitution of Organic Molecules*, by John Griffiths, Reviewed by Orna, M. V., **3**, 99 (1978)
The Chemistry behind the Artist's Palette, Orna, M. V., **3**, 189 (1978)

Chromatic adaptation

Changes in Color Appearance with Variations in Chromatic Adaptation, Bartleson, C. J., **4**, 119 (1979)
Comparison of Chromatic-Adaptation Transforms, Bartleson, C. J., **3**, 129 (1978)
Cube-Root Color Spaces and Chromatic Adaptation, Richter, K., **5**, 25 (1980)
Effect of Subtense and Surround Luminance on the Perception of a Coloured Field, Troscianko, T. S., **2**, 153 (1977)
Grids for Assessing Colour Appearance, Pointer, M. R.; Ensell, J. S.; Bullock, L. M., **2**, 131 (1977)
Influence of Spatial Structure of Adaptation Fields on Parafoveal Colour Matches, Nunn, B. J., **2**, 171 (1977)
ISCC Helson Memorial Symposium on Chromatic Adaptation (Meeting Report), Robertson, A. R., **5**, 180 (1980)
Predicting Corresponding Colors with Changes in Adaptation, Bartleson, C. J., **4**, 143 (1979)
Sky-Blue Pink, Hunt, R. W. G., **1**, 11 (1976)
The Specification of Colour Appearance. II. Effects of Changes in Viewing Conditions, Hunt, R. W. G., **2**, 109 (1977)
18th Session of the International Commission on Illumination (CIE), Imperial College, London, England, September10–18, 1975 (Meeting Report), Grum, F., **1**, 105 (1976)

CIE

Review of *Proceedings of the 18th Session, CIE, London, 1975 (Compte Rendu, 18° Session, Londres 1975, Commission Internationale de l'Eclairage)*, Reviewed by Hammond, H. K., III, **2**, 44 (1977)
19th Quadrennial Session of the CIE (Meeting Report), Billmeyer, F. W., Jr., **4**, 231 (1979)
18th Session of the International Commission on Illumination (CIE), Imperial College, London, England, September10–18, 1975 (Meeting Report), Grum, F., **1**, 105 (1976)

CIE system

Abstract: The Case for CIELAB, McLaren, K., **2**, 89 (1977)

Subject Index

AIC

AIC COLOR 77 in Retrospect (Meeting Report), McCamy, C. S., **3**, 35 (1978)
AIC Symposium on Color Appearance (Meeting Report), Billmeyer, F. W., Jr., **4**, 230 (1979)
An Art Director's View of AIC COLOR 77 (Meeting Report), Weinstein, I., **3**, 36 (1978)
A Personal View of AIC COLOR 77 (Meeting Report), Chalmers, A. N., **3**, 40 (1978)
Recollections of AIC COLOR 77 (Meeting Report), Brocklebank, R., **3**, 37 (1978)
Reflections after AIC COLOR 77—A Painting in Words (Color Forum), deKatch, J., **3**, 206 (1978)

Appearance (other than color)

Color and Appearance—Bridging the Gap from Concept to Product, Styne, A. F., **1**, 79 (1976)
Review of *The Measurement of Appearance*, by Richard S. Hunter, Reviewed by McCamy, C. S., **2**, 45 (1977)
Review of *The Splendor of Iridescence, Structural Color in the Animal World*, by Hilda Simon, Reviewed by Greenstein, L. M., **1**, 162 (1976)
The Gloss Trap in Diffuse Reflectance Measurements (Color Forum), Budde, W., **5**, 73 (1980)

Architecture

Brightstyle: A New Architectural Treatment (Meeting Report), Folley, M. D., **1**, 139 (1976)
Colour in Art, Design, Science, and Industry—Bridging the Gap (Meeting Report), Pointer, M. R., **3**, 94 (1978)
Conference on Colour Dynamics '76, Organized by the Hungarian National Colour Committee, Member of the AIC (Meeting Report), Schanda, J. D., **1**, 209 (1976)
Review of *Color for Architecture*, by Tom Porter and Byron Mikellides, Reviewed by Styne, A. F., **2**, 194 (1977)

Art

Additive Color Mixture with Fluorescent Pigments and Special Illumination, Strain, R. A., **1**, 146 (1976)
A Design Study Simulating Iridescence, Garrett, A., **3**, 161 (1978)
A Sense of Illumination: Remarks on a New Approach to Color Expression, Birren, F., **2**, 69 (1977)
Canadian Society for Color (Meeting Report), Sharpe, L. T., **4**, 167 (1979)
Color Identification and Nomenclature: A History, Birren, F., **4**, 14 (1979)
Color Properties of Liquid Crystals and Their Application to Visual Arts, Makow, D. M., **4**, 25 (1979)
Color Stability of Artists' Vehicles, Levison, H. W., **3**, 7 (1978)
Colour in Art, Design, Science, and Industry—Bridging the Gap (Meeting Report), Pointer, M. R., **3**, 94 (1978)
Induced Color Demonstrations Utilizing Colored Shadows (Note), Luke, J. T., **1**, 202 (1976)
Letter to the Editor, Luke, J. T., **1**, 208 (1976)
Neo-Impressionism: The Most Scientific of All Schools of Color in Art, Birren, F., **4**, 200 (1979)
Reflections after AIC COLOR 77—A Painting in Words (Color Forum), deKatch, J., **3**, 206 (1978)
Review of *Artists' Pigments: Lightfastness Tests and Ratings*, by Henry W. Levison, Reviewed by Luke, J. T., **1**, 161 (1976)
Review of *Authenticity in Art, The Scientific Detection of Forgery*, by Stuart J. Fleming, Reviewed by Zucker, J., **3**, 47 (1978)
Review of *Color Perception in Art*, by Faber Birren, Reviewed by Welker, J. K., **2**, 97 (1977)
Review of *Color Theory and its Application in Art and Design*, by George A. Agoston, Reviewed by Luke, J. T., **5**, 123 (1980)
Review of *National Gallery Technical Bulletin, Vol. 2*, Reviewed by Zucker, J., **5**, 184 (1980)
Review of *The Sense of Color: A Portfolio of Visuals*, by Nathaniel Jacobson, Reviewed by Luke, J. T., **3**, 45 (1978)
The Chemistry behind the Artist's Palette, Orna, M. V., **3**, 189 (1978)
Toward a New Viewpoint for the Artist, Luke, J. T., **1**, 23 (1976)

Canadian Society

Canadian Society for Color (News), Moreland, J. D., **1**, 6 (1976)
Canadian Society for Color (Meeting Report), Sharpe, L. T., **4**, 167 (1979)
Fourth Annual Conference of the Canadian Society for Color, Ottawa, May 11–14, 1976 (Meeting Report), **1**, 159 (1976)

Chemistry

Color Properties of Liquid Crystals and Their Application to Visual Arts, Makow, D. M., **4**, 25 (1979)
Review of *Colour and Constitution of Organic Molecules*, by John Griffiths, Reviewed by Orna, M. V., **3**, 99 (1978)
The Chemistry behind the Artist's Palette, Orna, M. V., **3**, 189 (1978)

Chromatic adaptation

Changes in Color Appearance with Variations in Chromatic Adaptation, Bartleson, C. J., **4**, 119 (1979)
Comparison of Chromatic-Adaptation Transforms, Bartleson, C. J., **3**, 129 (1978)
Cube-Root Color Spaces and Chromatic Adaptation, Richter, K., **5**, 25 (1980)
Effect of Subtense and Surround Luminance on the Perception of a Coloured Field, Troscianko, T. S., **2**, 153 (1977)
Grids for Assessing Colour Appearance, Pointer, M. R.; Ensell, J. S.; Bullock, L. M., **2**, 131 (1977)
Influence of Spatial Structure of Adaptation Fields on Parafoveal Colour Matches, Nunn, B. J., **2**, 171 (1977)
ISCC Helson Memorial Symposium on Chromatic Adaptation (Meeting Report), Robertson, A. R., **5**, 180 (1980)
Predicting Corresponding Colors with Changes in Adaptation, Bartleson, C. J., **4**, 143 (1979)
Sky-Blue Pink, Hunt, R. W. G., **1**, 11 (1976)
The Specification of Colour Appearance. II. Effects of Changes in Viewing Conditions, Hunt, R. W. G., **2**, 109 (1977)
18th Session of the International Commission on Illumination (CIE), Imperial College, London, England, September10–18, 1975 (Meeting Report), Grum, F., **1**, 105 (1976)

CIE

Review of *Proceedings of the 18th Session, CIE, London, 1975 (Compte Rendu, 18° Session, Londres 1975, Commission Internationale de l'Eclairage)*, Reviewed by Hammond, H. K., III, **2**, 44 (1977)
19th Quadrennial Session of the CIE (Meeting Report), Billmeyer, F. W., Jr., **4**, 231 (1979)
18th Session of the International Commission on Illumination (CIE), Imperial College, London, England, September10–18, 1975 (Meeting Report), Grum, F., **1**, 105 (1976)

CIE system

Abstract: The Case for CIELAB, McLaren, K., **2**, 89 (1977)

A Compact Computer Programme for the Specification of Dominant Wavelength and Purity (Note), Warschewski, D.; Brungs, M. P., **5,** 173 (1980)
A Comparison of Several Proposed Methods for Evaluating Daylight Simulators in the Ultraviolet Range (Color Forum), Alman, D. H.; Grum, F., **4,** 103 (1979)
A Study in Black: The CIELAB and CIELUV L^* Function for Very Low Values of Y, Stenius, A. S., **3,** 109 (1978)
CIELAB Hue-Angle Anomalies at Low Tristimulus Ratios, McLaren, K., **5,** 139 (1980)
Colorimetric and Photometric Properties of a 2° Fundamental Observer, Vos, J. J., **3,** 125 (1978)
Colour Terminology, Hunt, R. W. G., **3,** 79 (1978)
Comparison of Chromatic-Adaptation Transforms, Bartleson, C. J., **3,** 129 (1978)
Concept of Correlated Color Temperature, Grum, F.; Saunders, S. B.; MacAdam, D. L., **3,** 17 (1978)
Conversion from Dominant Wavelength and Excitation Purity to CIELAB Coordinates (Note), Stenius, A. S., **2,** 142 (1977)
Correlated Color-Temperature Calculations in the CIE 1976 Chromaticity Diagram, Schanda, J. D.; Danyi, M., **2,** 161 (1977)
Correspondence Between CIELAB and CIELUV Color Differences, Ohta, N., **2,** 178 (1977)
Cube-Root Color Spaces and Chromatic Adaptation, Richter, K., **5,** 25 (1980)
Enhancement of Chroma by the Design of Illuminants, Hemmendinger, H., **3,** 89 (1978)
Evaluation of Pictorial Color-Reproduction Appearance, Staes, K., **4,** 5 (1979)
Influence of Spectral Range of Standard Colorimetric Data on Tristimulus Calculations (Color Forum), Stearns, E. I., **5,** 176 (1980)
Iterative Calculations of Munsell Renotation Value Functions (Note), Stenius, A. S., **2,** 189 (1977)
Letter to the Editor, Rich, D. C., **1,** 208 (1976)
Letter to the Editor, Hemmendinger, H., **5,** 144 (1980)
Measures of Colour Appearance in Colour Reproduction, Hunt, R. W. G., **4,** 39 (1979)
Review of *Color in Business, Science and Industry*, 3rd Ed., by Deane B. Judd and Gunter Wyszecki, Reviewed by Saltzman, M., **1,** 210 (1976)
Review of *El Color y su Medicion (Color and Its Measurement)*, by Roberto Daniel Lozano, Reviewed by Rodriguez, N., **4,** 235 (1979)
Review of *The Measurement of Appearance*, by Richard S. Hunter, Reviewed by McCamy, C. S., **2,** 45 (1977)
Tables for Computation of Tristimulus Values (Color Forum), Hemmendinger, H., **5,** 175 (1980)
The CIE 1976 Color-Difference Formulae, Robertson, A. R., **2,** 7 (1977)
The Effect of Rod Activity on Large Field Colour Matching, Trezona, P. W., **1,** 95 (1976)
The Specification of Colour Appearance. I. Concepts and Terms, Hunt, R. W. G., **2,** 55 (1977)
The Specification of Colour Appearance. II. Effects of Changes in Viewing Conditions, Hunt, R. W. G., **2,** 109 (1977)

Colorants

Additive Color Mixture with Fluorescent Pigments and Special Illumination, Strain, R. A., **1,** 146 (1976)
Color and Colorants in Ancient Egypt, Kuehni, R. G., **5,** 169 (1980)
Colorants for Plastics: The Buyer-Seller Dialogue (Note), Webber, T. G., **1,** 51 (1976)
Color Changes of Dyeings in Spectrophotometers Using Heterochromatic Illumination, Hoffmann, K., **2,** 90 (1977)
Color Differences Caused by Dye Weighing Errors (Industrial Note), Stanziola, R., **5,** 129 (1980)
Color Stability of Artists' Vehicles, Levison, H. W., **3,** 7 (1978)
Colour in Art, Design, Science, and Industry—Bridging the Gap (Meeting Report), Pointer, M. R., **3,** 94 (1978)
Determining Absorption and Scattering Constants for Pigments, Cairns, E. L.; Holtzen, D. A.; Spooner, D. L., **1,** 174 (1976)
Determining Pigment Optical Properties for Use in the Mie and Many-Flux Theories, Billmeyer, F. W., Jr.; Chassaigne, P. G.; Dubois, J. F., **5,** 108 (1980)
Evaluation of Cadmium Pigments for Plastics Use, Tsunashima, M.; Sorimachi, M.; Mohri, K., **4,** 66 (1979)
Review of *Artists' Pigments: Lightfastness Tests and Ratings*, by Henry W. Levison, Reviewed by Luke, J. T., **1,** 161 (1976)
Review of *Nature's Colors: Dyes From Plants*, by Ida Grae, Reviewed by Gordon, B., **2,** 192 (1977)
Review of *The Splendor of Iridescence, Structural Color in the Animal World*, by Hilda Simon, Reviewed by Greenstein, L. M., **1,** 162 (1976)
The Chemistry behind the Artist's Palette, Orna, M. V., **3,** 189 (1978)
The Colour Index, Wich, E., **2,** 77 (1977)
The Effect of Toner Surface Structure on Color Gamut, Ruckdeschel, F. R., **3,** 169 (1978)

Color appearance

AIC Symposium on Color Appearance (Meeting Report), Billmeyer, F. W., Jr., **4,** 230 (1979)
Brightness and Luminance of Light-Emitting Diodes: Influence of Size and Defocus, Ronchi, L. R.; Macii, R.; Stefanacci, S. R.; Bassan, M., **5,** 207 (1980)
Brown, Bartleson, C. J., **1,** 181 (1976)
Changes in Color Appearance with Variations in Chromatic Adaptation, Bartleson, C. J., **4,** 119 (1979)
Conference on Colour Dynamics '76, Organized by the Hungarian National Colour Committee, Member of the AIC (Meeting Report), Schanda, J. D., **1,** 209 (1976)
Evaluation of Pictorial Color-Reproduction Appearance, Staes, K., **4,** 5 (1979)
Global Color Metrics and Color-Appearance Systems, Indow, T., **5,** 5 (1980)
Grids for Assessing Colour Appearance, Pointer, M. R.; Ensell, J. S.; Bullock, L. M., **2,** 131 (1977)
Induced Color Demonstrations Utilizing Colored Shadows (Note), Luke, J. T., **1,** 202 (1976)
Letter to the Editor, Gerritsen, F., **2,** 190 (1977)
Measures of Colour Appearance in Colour Reproduction, Hunt, R. W. G., **4,** 39 (1979)
Predicting Corresponding Colors with Changes in Adaptation, Bartleson, C. J., **4,** 143 (1979)
Review of *Color in Our Daily Lives*, by Deane B. Judd, Reviewed by Kelly, K. L., **2,** 98 (1977)
Review of *The Measurement of Appearance*, by Richard S. Hunter, Reviewed by McCamy, C. S., **2,** 45 (1977)
Review of *Theory and Practice of Color: A Color Theory Based on Laws of Perception*, by Frans Gerritsen, English Translation by Ruth de Vriendt, Reviewed by MacAdam, D. L., **1,** 212 (1976)
Review of *Vision et Mesure de la Couleur*, by Paul Kowaliski, Reviewed by Bartleson, C. J., **4,** 171 (1979)
Sky-Blue Pink, Hunt, R. W. G., **1,** 11 (1976)
The Colour Group (Great Britain) Symposium on Food Colour and Appearance, University of Surrey, Guildford, England, April 3–5, 1978 (Meeting Report), Wright, W. D., **3,** 208 (1978)
The Concept of Colourfulness and its Use for Deriving Grids for Assessing Colour Appearance, Pointer, M. R., **5,** 99 (1980)
The Specification of Colour Appearance. I. Concepts and Terms, Hunt, R. W. G., **2,** 55 (1977)
The Specification of Colour Appearance. II. Effects of Changes in Viewing Conditions, Hunt, R. W. G., **2,** 109 (1977)

Coloration

Color Differences Caused by Dye Weighing Errors (Industrial Note), Stanziola, R., **5,** 129 (1980)
Color Properties of Liquid Crystals and Their Application to Visual Arts, Makow, D. M., **4,** 25 (1979)
Colour Control in the Surface Coatings Industry (Meeting Report), Bullett, T. R., **4,** 170 (1979)
Evaluation of Cadmium Pigments for Plastics Use, Tsunashima, M.; Sorimachi, M.; Mohri, K., **4,** 66 (1979)
Review of *Coloring of Plastics, Theory and Practice*, by Mukhtar Ahmed, Reviewed by Longley, W. V., **5,** 182 (1980)
Review of *Colour Generation and Control in Glass*, by C. R. Bamford (Meeting Report), Werner, A. J., **3,** 156 (1978)

Review of *El Color y su Medicion (Color and Its Measurement)*, by Roberto Daniel Lozano, Reviewed by Rodriguez, N., **4**, 235 (1979)
Review of *L'Assortiment des Couleurs en Odontologie*, by Robert C. Sproull, translated by Henry Frajder, Reviewed by Grum, F., **3**, 99 (1978)
Review of *Nature's Colors: Dyes From Plants*, by Ida Grae, Reviewed by Gordon, B., **2**, 192 (1977)
Review of *The Dyer's Art, Ikat, Batik, Plangi*, by Jack Lenor Larsen, with Alfred Buhler, Bronwen and Garret Solyom, Reviewed by Kuehni, R. G., **3**, 44 (1978)

Color differences

Abstract: Color-Difference Perception and Scaling, Billmeyer, F. W., Jr.; Rich, R. M., **2**, 89 (1977)
Abstract: The Case for CIELAB, McLaren, K., **2**, 89 (1977)
A Color Metric from Opponent-Color Visual Channels, Rich, D. C., **5**, 76 (1980)
An Analysis of the HATRA Acceptability Data, Kuehni, R. G., **2**, 85 (1977)
An Experiment in Visual Scaling of Small Color Differences, Kuehni, R. G.; Marcus, R. T., **4**, 83 (1979)
Chromatic Difference Steps of Moderate Size Measured along Theoretically Critical Axes, Boynton, R. M.; Kambe, N., **5**, 13 (1980)
CIE Guidelines for Coordinated Research on Colour-Difference Evaluation (Color Forum), Robertson, A. R., **3**, 149 (1978)
Color-Difference Formulas and Industrial Small-Color-Difference Problems (Meeting Report), Kuehni, R. G., **1**, 136 (1976)
Color Differences Caused by Dye Weighing Errors (Industrial Note), Stanziola, R., **5**, 129 (1980)
Color-Difference Terminology (Color Forum), Longley, W. V., **4**, 45 (1979)
Color Metrics: Facts and Formulae, Friele, L. F. C., **4**, 194 (1979)
Correspondence Between CIELAB and CIELUV Color Differences, Ohta, N., **2**, 178 (1977)
Cube-Root Color Spaces and Chromatic Adaptation, Richter, K., **5**, 25 (1980)
Evaluation of Color-Difference Equations: A New Approach, Zeller, R. C.; Hemmendinger, H., **4**, 71 (1979)
Evaluation of Different Color-Difference Formulae by Means of an Experiment on Color Scaling—Preliminary Report, Lozano, R. D., **2**, 13 (1977)
Evaluation of Different Color-Difference Formulae by Means of an Experiment on Color Scaling: Final Report, Lozano, R. D., **5**, 45 (1980)
Evaluation of Pictorial Color-Reproduction Appearance, Staes, K., **4**, 5 (1979)
Fine Color Metric (FCM), Friele, L. F. C., **3**, 53 (1978)
Judd Memorial Conference on Color Metrics, Williamsburg, Virginia, February 11–14, 1979 (Meeting Report), Terstiege, H.; Robertson, A. R., **4**, 166 (1979)
Judd's Contributions to Color Metrics and Evaluation of Color Differences, MacAdam, D. L., **4**, 177 (1979)
Letter to the Editor, Jaeckel, S. M., **3**, 6 (1978)
Letter to the Editor, McLaren, K., **4**, 234 (1979)
Letter to the Editor, Author's Reply to Jaeckel, Kuehni, R. G., **3**, 6 (1978)
Letter to the Editor, Author's Reply to K. McLaren, Longley, W. V., **4**, 234 (1979)
Letter to the Editor, Editor's Note about McLaren and Longley, Billmeyer, F. W., Jr., **4**, 234 (1979)
Need for Further Visual Studies of Small Color Differences (Color Forum), Kuehni, R. G., **2**, 187 (1977)
Regression Analysis and the Evaluation of Color-Difference Metrics, Marcus, R. T.; Utter, M. L.; Wilkinson, J. W., **1**, 87 (1976)
Review of *El Color y su Medicion (Color and Its Measurement)*, by Roberto Daniel Lozano, Reviewed by Rodriguez, N., **4**, 235 (1979)
Tenth Conference of the Color Science Association of Japan (Meeting Report), Billmeyer, F. W., Jr., **5**, 59 (1980)
The CIE 1976 Color-Difference Formulae, Robertson, A. R., **2**, 7 (1977)
18th Session of the International Commission on Illumination (CIE), Imperial College, London, England, September10–18, 1975 (Meeting Report), Grum, F., **1**, 105 (1976)

Color gamuts

Color Properties of Liquid Crystals and Their Application to Visual Arts, Makow, D. M., **4**, 25 (1979)
The Effect of Toner Surface Structure on Color Gamut, Ruckdeschel, F. R., **3**, 169 (1978)
The Gamut of Real Surface Colours, Pointer, M. R., **5**, 145 (1980)

Color identification

Absolute Identification of Colors in the Munsell Notation: Trainability and Systematic Shifts, Indow, T.; Watanabe, M., **5**, 81 (1980)
Brown, Bartleson, C. J., **1**, 181 (1976)
Color Identification and Nomenclature: A History, Birren, F., **4**, 14 (1979)
Review of *The Color Handbook*, by Franklin R. Bruns, Jr., Reviewed by Davidson, S. L., **2**, 199 (1977)
119th Meeting of The Colour Group (Great Britain) on National and International Standards and Codes on Colour (Meeting Report), Pointer, M. R., **2**, 41 (1977)

Colorimetry

Accuracy of Reflectance Spectrophotometers and Linearity of Multipliers, Hoffmann, K., **1**, 148 (1976)
A Colorimetric Comparison of Colour Reproductions, Chalmers, A. N., **4**, 217 (1979)
A Compact Computer Programme for the Specification of Dominant Wavelength and Purity (Note), Warschewski, D.; Brungs, M. P., **5**, 173 (1980)
A Study in Black: The CIELAB and CIELUV L^* Function for Very Low Values of Y, Stenius, A. S., **3**, 109 (1978)
Changes in Color Appearance with Variations in Chromatic Adaptation, Bartleson, C. J., **4**, 119 (1979)
CIELAB Hue-Angle Anomalies at Low Tristimulus Ratios, McLaren, K., **5**, 139 (1980)
Color Changes Caused by Specified Changes in the Illuminant, Ohta, N.; Wyszecki, G., **1**, 17 (1976)
Colorimetry of Fluorescent Materials: Visual Evaluation of Fluorescent Whites, Swenholt, B. K.; Grum, F.; Witzel, R. F., **3**, 141 (1978)
Colorimetry of Wines, Little, A. C., **5**, 51 (1980)
Colours in Cellophane (Note), Edwards, S. J.; Langley, A. J., **4**, 164 (1979)
Conversion Equations to Munsell Value (Note), Raynal, J., **1**, 154 (1976)
Conversion from Dominant Wavelength and Excitation Purity to CIELAB Coordinates (Note), Stenius, A. S., **2**, 142 (1977)
Correspondence Between CIELAB and CIELUV Color Differences, Ohta, N., **2**, 178 (1977)
Cube-Root Color Spaces and Chromatic Adaptation, Richter, K., **5**, 25 (1980)
Enhancement of Chroma by the Design of Illuminants, Hemmendinger, H., **3**, 89 (1978)
Influence of Spectral Range of Standard Colorimetric Data on Tristimulus Calculations (Color Forum), Stearns, E. I., **5**, 176 (1980)
Integrating-Sphere Errors in the Colorimetry of Fluorescent Materials, Alman, D. H.; Billmeyer, F. W., Jr., **1**, 141 (1976)
Iterative Calculations of Munsell Renotation Value Functions (Note), Stenius, A. S., **2**, 189 (1977)
Judd's Contributions to Color Metrics and Evaluation of Color Differences, MacAdam, D. L., **4**, 177 (1979)
Letter to the Editor, Rich, D. C., **1**, 208 (1976)
Letter to the Editor, Hemmendinger, H., **5**, 144 (1980)
Measurement of Luminance Factor, Saunders, S. B.; Grum, F., **2**, 121 (1977)
New Method for the Colorimetric Measurement of Opaque Fluorescent Samples, Alman, D. H.; Billmeyer, F. W., Jr., **2**, 19 (1977)
Predicting Corresponding Colors with Changes in Adaptation, Bartleson, C. J., **4**, 143 (1979)
Review of *Beschreibung von Problemen der hoheren Farbmetrik mit Hilfe des Gegenfarbensystems (Description of problems of higher colorimetry with the aid of the opponent color system)*, by Dr. Klaus Richter, Reviewed by Kuehni, R. G., **5**, 184 (1980)

Review of *Color in Business, Science and Industry*, 3rd Ed., by Deane B. Judd and Gunter Wyszecki, Reviewed by Saltzman, M., **1,** 210 (1976)
Review of *Einfuhrung in die Farbmetrik*, by Manfred Richter, Reviewed by Kuehni, R. G., **2,** 97 (1977)
Review of *El Color y su Medicion (Color and Its Measurement)*, by Roberto Daniel Lozano, Reviewed by Rodriguez, N., **4,** 235 (1979)
Review of *Food Colorimetry: Theory and Applications*, by F. J. Francis and F. M. Clydesdale, Reviewed by Yeatman, J. N., **1,** 210 (1976)
Review of *Food Colorimetry: Theory and Applications*, by F. J. Francis and F. M. Clydesdale, Reviewed by Noble, A. C., **1,** 212 (1976)
Review of *Vision et Mesure de la Couleur*, by Paul Kowaliski, Reviewed by Bartleson, C. J., **4,** 171 (1979)
Spectroradiometry and Colorimetry in the Lighting Industry, Jerome, C. W., **1,** 91 (1976)
Tables for Computation of Tristimulus Values (Color Forum), Hemmendinger, H., **5,** 175 (1980)
Tenth Conference of the Color Science Association of Japan (Meeting Report), Billmeyer, F. W., Jr., **5,** 59 (1980)
The CIE 1976 Color-Difference Formulae, Robertson, A. R., **2,** 7 (1977)
The Specification of Colour Appearance. I. Concepts and Terms, Hunt, R. W. G., **2,** 55 (1977)
The Specification of Colour Appearance. II. Effects of Changes in Viewing Conditions, Hunt, R. W. G., **2,** 109 (1977)
18th Session of the International Commission on Illumination (CIE), Imperial College, London, England, September10–18, 1975 (Meeting Report), Grum, F., **1,** 105 (1976)

Color matching

Abstract: A Decade of Computer Colorant Formulation Experience, Hoban, R. F., **2,** 37 (1977)
Abstract: CCM—Fact not Fiction, McKenzie, M., **2,** 38 (1977)
Abstract: Color Matching/Corrections/Adds—New Approaches, Techniques, Calculations and Improvements, Stutz, G., **2,** 88 (1977)
Abstract: Computer Color Control, What is Needed—Is it Worth the Trouble?, Stanziola, R., **2,** 37 (1977)
Abstract: Radiative-Transfer Theory in the Practice of Colorant Formulation, Allen, E., **1,** 180 (1976)
Abstract: The Color Matching Problem (and its Relation to Colorant Formulation), Derby, R. E., Jr., **1,** 173 (1976)
Abstract: The Concentration Function—A Story of Success or Failure?, Simon, F. T., **1,** 180 (1976)
Abstract: The Problem of Measuring and Matching Goniochromatic Materials, Johnston-Feller, R. M., **2,** 88 (1977)
Abstract: Who are Your Best Dyers Today—Machines or Men?, Connelly, R.; Graham, L. A.; Acree, W. L., **2,** 32 (1977)
Additivity Failures in Heterochromatic Brightness Matching, Kaiser, P. K.; Wyszecki, G., **3,** 177 (1978)
Advantages of a Semiautomatic Color-Control Computer Program, Davidson, H. R., **2,** 38 (1977)
A Visual Approach to Controlling Metamerism, Longley, W. V., **1,** 43 (1976)
Color Differences Caused by Dye Weighing Errors (Industrial Note), Stanziola, R., **5,** 129 (1980)
Color Matching Problems in Dentistry (Meeting Report), Sproull, R. C., **1,** 134 (1976)
Comparison of Colorant-Formulation Methods, Minato, S., **2,** 124 (1977)
Computer Colorant Formulation in APL (Note), Goff, J. R.; Konopasek, M.; Ku, W.; Tincher, W. C., **3,** 146 (1978)
Computer Color Matching—A View from Retirement, Saltzman, M., **1,** 167 (1976)
Computer Color Matching with the Aid of Visual Techniques, Winey, R. K., **3,** 165 (1978)
Determining Dimensioned Values of Kubelka-Munk Scattering and Absorption Coefficients, Marcus, R. T., **3,** 183 (1978)
Eight Million Formulations Later—Where Are We Now?, St. John, R., **2,** 32 (1977)
Evaluation of Automotive Color Matches, Longley, W. V., **5,** 87 (1980)
ISCC Williamsburg Conference on Instrumental Colorant Formulation (Meeting Report), Marcus, R. T., **1,** 103 (1976)
Matrix Partitioning Applied to Colorant Formulation with Four or More Dyes, Holdaway, H. W., **5,** 93 (1980)
Optimization in Color Matching Illustrated by the Correction of Over-Dyed Textile Batches (Note), Stearns, E. I.; Nelson, R., **2,** 142 (1977)
Problems of Fluorescence in Colorant Formulation, Ganz, E., **2,** 81 (1977)
Request for Brightness-Matching Data and Mathematical Colour-Vision Models (Color Forum), Kaiser, P. K., **3,** 148 (1978)
Review of *Computer Colorant Formulation*, by Rolf G. Kuehni, Reviewed by Davidson, H. R., **1,** 114 (1976)
Tenth Conference of the Color Science Association of Japan (Meeting Report), Billmeyer, F. W., Jr., **5,** 59 (1980)
The Effect of Rod Activity on Large Field Colour Matching, Trezona, P. W., **1,** 95 (1976)
Where Instrumental Color Matching Is Today, Stearns, E. I., **1,** 169 (1976)

Color metrics

A Color Metric from Opponent-Color Visual Channels, Rich, D. C., **5,** 76 (1980)
CIELAB Hue-Angle Anomalies at Low Tristimulus Ratios, McLaren, K., **5,** 139 (1980)
Global Color Metrics and Color-Appearance Systems, Indow, T., **5,** 5 (1980)
Judd Memorial Conference on Color Metrics, Williamsburg, Virginia, February 11–14, 1979 (Meeting Report), Terstiege, H.; Robertson, A. R., **4,** 166 (1979)
Judd's Contributions to Color Metrics and Evaluation of Color Differences, MacAdam, D. L., **4,** 177 (1979)
Letter to the Editor, Hemmendinger, H., **5,** 144 (1980)
Line Elements and Physiological Models of Color Vision, Vos, J. J., **4,** 208 (1979)
Review of *Beschreibung von Problemen der hoheren Farbmetrik mit Hilfe des Gegenfarbensystems (Description of problems of higher colorimetry with the aid of the opponent color system)*, by Dr. Klaus Richter, Reviewed by Kuehni, R. G., **5,** 184 (1980)
The Concept of Colourfulness and its Use for Deriving Grids for Assessing Colour Appearance, Pointer, M. R., **5,** 99 (1980)
Three are Not Enough: An INDSCAL Analysis Suggesting that Color Space Has Seven (±1) Dimensions, Chang, J. J.; Carroll, J. D., **5,** 193 (1980)

Color mixing

Additive Color Mixture with Fluorescent Pigments and Special Illumination, Strain, R. A., **1,** 146 (1976)
Color and Spectroscopic Demonstrations with an Overhead Projector (Note), Billmeyer, F. W., Jr.; Alman, D. H., **1,** 201 (1976)
Colour-Mixture Terminology (Color Forum), Cox, W. D. G., **3,** 93 (1978)
Induced Color Demonstrations Utilizing Colored Shadows (Note), Luke, J. T., **1,** 202 (1976)
Review of *Color Primer I & II*, by Richard D. Zakia and Hollis N. Todd, Reviewed by MacMillan, J., **2,** 46 (1977)
Review of *The Contrast of Colors*, by Ellen Marx, Reviewed by Davidson, S. L., **2,** 193 (1977)
Toward a New Viewpoint for the Artist, Luke, J. T., **1,** 23 (1976)

Color order systems

Compromises in Color Solids (Color Forum), Luke, J. T., **5,** 178 (1980)
Correspondence Between CIELAB and CIELUV Color Differences, Ohta, N., **2,** 178 (1977)
Cube-Root Color Spaces and Chromatic Adaptation, Richter, K., **5,** 25 (1980)
Evolution of the Color Diagram, Gerritsen, F., **4,** 33 (1979)
Grids for Assessing Colour Appearance, Pointer, M. R.; Ensell, J. S.; Bullock, L. M., **2,** 131 (1977)
Judd's Contributions to Color Metrics and Evaluation of Color Differences, MacAdam, D. L., **4,** 177 (1979)
Let's Say Goodbye to the Color Circle, Küppers, H., **4,** 19 (1979)
Review of *Chroma Cosmos 5000*, Japan Color Research Institute, Reviewed by Birren, F., **4,** 171 (1979)

Review of *Color in Business, Science and Industry*, 3rd Ed., by Deane B. Judd and Gunter Wyszecki, Reviewed by Saltzman, M., **1,** 210 (1976)
Review of *Color: Origins, Systems, Uses*, by Harald Küppers, Reviewed by Davidson, S. L., **2,** 199 (1977)
Review of *Color Theory and its Application in Art and Design*, by George A. Agoston, Reviewed by Luke, J. T., **5,** 123 (1980)
Review of *Das Grundgesetz der Fabenlehre (The Fundamental Law of Color Science)*, by Harald Küppers, Reviewed by Kuehni, R. G., **4,** 49 (1979)
Review of *El Color y su Medicion (Color and Its Measurement)*, by Roberto Daniel Lozano, Reviewed by Rodriguez, N., **4,** 235 (1979)
Review of *The Measurement of Appearance*, by Richard S. Hunter, Reviewed by McCamy, C. S., **2,** 45 (1977)
Tenth Conference of the Color Science Association of Japan (Meeting Report), Billmeyer, F. W., Jr., **5,** 59 (1980)
The CIE 1976 Color-Difference Formulae, Robertson, A. R., **2,** 7 (1977)
The Coloroid Color System, Nemcsics, A., **5,** 113 (1980)
The House & Garden Color Program, Bertin, N., **3,** 71 (1978)
The Specification of Colour Appearance. I. Concepts and Terms, Hunt, R. W. G., **2,** 55 (1977)
The Specification of Colour Appearance. II. Effects of Changes in Viewing Conditions, Hunt, R. W. G., **2,** 109 (1977)
Toward a New Viewpoint for the Artist, Luke, J. T., **1,** 23 (1976)

Color perception

Induced Color Demonstrations Utilizing Colored Shadows (Note), Luke, J. T., **1,** 202 (1976)
Review of *Theory and Practice of Color: A Color Theory Based on Laws of Perception*, by Frans Gerritsen, English Translation by Ruth de Vriendt, Reviewed by MacAdam, D. L., **1,** 212 (1976)

Color rendering

Color Rendering Properties of Light Sources, Jerome, C. W., **1,** 37 (1976)
Colour-Rendering Assessment of Ultraviolet Emission in Light Sources, Henderson, S. T.; Halstead, M. B., **5,** 212 (1980)
18th Session of the International Commission on Illumination (CIE), Imperial College, London, England, September10–18, 1975 (Meeting Report), Grum, F., **1,** 105 (1976)

Color scaling

Absolute Identification of Colors in the Munsell Notation: Trainability and Systematic Shifts, Indow, T.; Watanabe, M., **5,** 81 (1980)
Abstract: Color-Difference Perception and Scaling, Billmeyer, F. W., Jr.; Rich, R. M., **2,** 89 (1977)
Analysis of Colour-Scaling Data, Troscianko, T. S., **4,** 225 (1979)
An Analysis of the HATRA Acceptability Data, Kuehni, R. G., **2,** 85 (1977)
An Experiment in Visual Scaling of Small Color Differences, Kuehni, R. G.; Marcus, R. T., **4,** 83 (1979)
Brightness and Luminance of Light-Emitting Diodes: Influence of Size and Defocus, Ronchi, L. R.; Macii, R.; Stefanacci, S. R.; Bassan, M., **5,** 207 (1980)
Changes in Color Appearance with Variations in Chromatic Adaptation, Bartleson, C. J., **4,** 119 (1979)
CIE Guidelines for Coordinated Research on Colour-Difference Evaluation (Color Forum), Robertson, A. R., **3,** 149 (1978)
Colorimetry of Fluorescent Materials: Visual Evaluation of Fluorescent Whites, Swenholt, B. K.; Grum, F.; Witzel, R. F., **3,** 141 (1978)
Color Metrics: Facts and Formulae, Friele, L. F. C., **4,** 194 (1979)
Effect of Subtense and Surround Luminance on the Perception of a Coloured Field, Troscianko, T. S., **2,** 153 (1977)
Evaluation of Color-Difference Equations: A New Approach, Zeller, R. C.; Hemmendinger, H., **4,** 71 (1979)
Evaluation of Different Color-Difference Formulae by Means of an Experiment on Color Scaling—Preliminary Report, Lozano, R. D., **2,** 13 (1977)
Evaluation of Different Color-Difference Formulae by Means of an Experiment on Color Scaling: Final Report, Lozano, R. D., **5,** 45 (1980)
Fine Color Metric (FCM), Friele, L. F. C., **3,** 53 (1978)
Grids for Assessing Colour Appearance, Pointer, M. R.; Ensell, J. S.; Bullock, L. M., **2,** 131 (1977)
Influence of Spatial Structure of Adaptation Fields on Parafoveal Colour Matches, Nunn, B. J., **2,** 171 (1977)
Letter to the Editor, Jaeckel, S. M., **3,** 6 (1978)
Letter to the Editor, Author's Reply to Jaeckel, Kuehni, R. G., **3,** 6 (1978)
New Equipment for the Measurement of Color-Matching Functions, Vienot, F., **2,** 165 (1977)
Predicting Corresponding Colors with Changes in Adaptation, Bartleson, C. J., **4,** 143 (1979)
Review of *Mechanisms of Colour Vision: Selected Papers*, by W. S. Stiles, Reviewed by Voke, J., **5,** 232 (1980)
Sky-Blue Pink, Hunt, R. W. G., **1,** 11 (1976)
The Concept of Colourfulness and its Use for Deriving Grids for Assessing Colour Appearance, Pointer, M. R., **5,** 99 (1980)
Three are Not Enough: An INDSCAL Analysis Suggesting that Color Space Has Seven (±1) Dimensions, Chang, J. J.; Carroll, J. D., **5,** 193 (1980)

Color solids

A Sense of Illumination: Remarks on a New Approach to Color Expression, Birren, F., **2,** 69 (1977)
Compromises in Color Solids (Color Forum), Luke, J. T., **5,** 178 (1980)
Evolution of the Color Diagram, Gerritsen, F., **4,** 33 (1979)
Let's Say Goodbye to the Color Circle, Kuppers, H., **4,** 19 (1979)
Letter to the Editor, Gerritsen, F., **2,** 190 (1977)
Letter to the Editor, Luke, J. T., **3,** 155 (1978)
Review of *Color: Origins, Systems, Uses*, by Harald Kuppers, Reviewed by Davidson, S. L., **2,** 199 (1977)
Review of *Das Grundgesetz der Fabenlehre (The Fundamental Law of Color Science)*, by Harald Küppers, Reviewed by Kuehni, R. G., **4,** 49 (1979)
Review of *Theory and Practice of Color: A Color Theory Based on Laws of Perception*, by Frans Gerritsen, English Translation by Ruth de Vriendt, Reviewed by MacAdam, D. L., **1,** 212 (1976)
The Coloroid Color System, Nemcsics, A., **5,** 113 (1980)

Color temperature

Calculating Correlated Color Temperature with a Desktop Programmable Calculator, Schanda, J. D.; Meszaros, M.; Czibula, G., **3,** 65 (1978)
Concept of Correlated Color Temperature, Grum, F.; Saunders, S. B.; MacAdam, D. L., **3,** 17 (1978)
Correlated Color-Temperature Calculations in the CIE 1976 Chromaticity Diagram, Schanda, J. D.; Danyi, M., **2,** 161 (1977)

Color tolerances

Colorants for Plastics: The Buyer-Seller Dialogue (Note), Webber, T. G., **1,** 51 (1976)

Color vision

A Color Metric from Opponent-Color Visual Channels, Rich, D. C., **5,** 76 (1980)
Additivity Failures in Heterochromatic Brightness Matching, Kaiser, P. K.; Wyszecki, G., **3,** 177 (1978)
Canadian Society for Color (Meeting Report), Sharpe, L. T., **4,** 167 (1979)
Chromatic Difference Steps of Moderate Size Measured along Theoretically Critical Axes, Boynton, R. M.; Kambe, N., **5,** 13 (1980)
Color at ARVO 75 (Meeting Report), Kaiser, P. K., **1,** 57 (1976)
Colorimetric and Photometric Properties of a 2° Fundamental Observer, Vos, J. J., **3,** 125 (1978)
Fifth International Color Vision Conference (Meeting Report), Voke, J., **5,** 228 (1980)
Influence of Spatial Structure of Adaptation Fields on Parafoveal Colour Matches, Nunn, B. J., **2,** 171 (1977)
Line Elements and Physiological Models of Color Vision, Vos, J. J., **4,** 208 (1979)

New Equipment for the Measurement of Color-Matching Functions, Vienot, F., **2,** 165 (1977)
Observer Metamerism (Color Forum), Billmeyer, F. W., Jr.; Saltzman, M., **5,** 72 (1980)
Observer Metamerism in College-Age Observers (Color Forum), Nardi, M. A., **5,** 73 (1980)
Request for Brightness-Matching Data and Mathematical Colour-Vision Models (Color Forum), Kaiser, P. K., **3,** 148 (1978)
Review of *Color in Business, Science and Industry*, 3rd Ed., by Deane B. Judd and Gunter Wyszecki, Reviewed by Saltzman, M., **1,** 210 (1976)
Review of *Colour Vision Deficiencies III: Proceedings of the Third Symposium of the International Research Group on Colour Deficiencies*, edited by Guy Verriest, Reviewed by Wasserman, G. S., **2,** 195 (1977)
Review of *Human Color Vision*, by Robert M. Boynton, Reviewed by Kandel, G. L., **5,** 185 (1980)
Review of *Mechanisms of Colour Vision: Selected Papers*, by W. S. Stiles, Reviewed by Voke, J., **5,** 232 (1980)
Review of *The Secret of Oliver Goldsmith*, by Munro MacLennan, Reviewed by Wright, W. D., **2,** 46 (1977)
Review of *Vision et Mesure de la Couleur*, by Paul Kowaliski, Reviewed by Bartleson, C. J., **4,** 171 (1979)
Tenth Conference of the Color Science Association of Japan (Meeting Report), Billmeyer, F. W., Jr., **5,** 59 (1980)
Terms of Reference of the Standardization Committee of the International Research Group on Colour Vision Deficiencies (News), **1,** 103 (1976)
The Color Rule: A Device for Color-Vision Testing, Kaiser, P. K.; Hemmendinger, H., **5,** 65 (1980)
The Effect of Rod Activity on Large Field Colour Matching, Trezona, P. W., **1,** 95 (1976)
The Physiology of Color Vision, Wasserman, G. S., **4,** 57 (1979)
Third Symposium of the International Research Group on Colour Vision Deficiencies, Amsterdam—Leiden, June 25–27, 1975 (Meeting Report), Brown, J. L., **1,** 108 (1976)
18th Session of the International Commission on Illumination (CIE), Imperial College, London, England, September10–18, 1975 (Meeting Report), Grum, F., **1,** 105 (1976)

Colour Group

Colour in Art, Design, Science, and Industry—Bridging the Gap (Meeting Report), Pointer, M. R., **3,** 94 (1978)
Colour Measurement and its Application (Meeting Report), Halstead, M. B., **4,** 106 (1979)
The Colour Group (Great Britain) (News), Pointer, M. R., **1,** 5 (1976)
The Colour Group (Great Britain) Symposium on Food Colour and Appearance, University of Surrey, Guildford, England, April 3–5, 1978 (Meeting Report), Wright, W. D., **3,** 208 (1978)
119th Meeting of The Colour Group (Great Britain) on National and International Standards and Codes on Colour (Meeting Report), Pointer, M. R., **2,** 41 (1977)

Computers

Abstract: A Decade of Computer Colorant Formulation Experience, Hoban, R. F., **2,** 37 (1977)
Abstract: CCM—Fact not Fiction, McKenzie, M., **2,** 38 (1977)
Abstract: Color Matching/Corrections/Adds—New Approaches, Techniques, Calculations and Improvements, Stutz, G., **2,** 88 (1977)
Abstract: Computer Color Control, What is Needed—Is it Worth the Trouble?, Stanziola, R., **2,** 37 (1977)
Abstract: The Color Matching Problem (and its Relation to Colorant Formulation), Derby, R. E., Jr., **1,** 173 (1976)
Abstract: The Problem of Measuring and Matching Goniochromatic Materials, Johnston-Feller, R. M., **2,** 88 (1977)
Abstract: Who are Your Best Dyers Today—Machines or Men?, Connelly, R.; Graham, L. A.; Acree, W. L., **2,** 32 (1977)
A Compact Computer Programme for the Specification of Dominant Wavelength and Purity (Note), Warschewski, D.; Brungs, M. P., **5,** 173 (1980)
Advantages of a Semiautomatic Color-Control Computer Program, Davidson, H. R., **2,** 38 (1977)
Calculating Correlated Color Temperature with a Desktop Programmable Calculator, Schanda, J. D.; Meszaros, M.; Czibula, G., **3,** 65 (1978)
Comparison of Colorant-Formulation Methods, Minato, S., **2,** 124 (1977)
Computer Colorant Formulation in APL (Note), Goff, J. R.; Konopasek, M.; Ku, W.; Tincher, W. C., **3,** 146 (1978)
Computer Color Matching—A View from Retirement, Saltzman, M., **1,** 167 (1976)
Computer Color Matching with the Aid of Visual Techniques, Winey, R. K., **3,** 165 (1978)
Determining Dimensioned Values of Kubelka–Munk Scattering and Absorption Coefficients, Marcus, R. T., **3,** 183 (1978)
Eight Million Formulations Later—Where Are We Now?, St. John, R., **2,** 32 (1977)
ISCC Williamsburg Conference on Instrumental Colorant Formulation (Meeting Report), Marcus, R. T., **1,** 103 (1976)
Matrix Partitioning Applied to Colorant Formulation with Four or More Dyes, Holdaway, H. W., **5,** 93 (1980)
Optimization in Color Matching Illustrated by the Correction of Over-Dyed Textile Batches (Note), Stearns, E. I.; Nelson, R., **2,** 142 (1977)
Problems of Fluorescence in Colorant Formulation, Ganz, E., **2,** 81 (1977)
Review of *Computer Colorant Formulation*, by Rolf G. Kuehni, Reviewed by Davidson, H. R., **1,** 114 (1976)
Tenth Conference of the Color Science Association of Japan (Meeting Report), Billmeyer, F. W., Jr., **5,** 59 (1980)
Where Instrumental Color Matching Is Today, Stearns, E. I., **1,** 169 (1976)

CORM

CORM-NBS Workshop on Problems of Flash Radiometry, Rochester, November 9, 1976 (Meeting Report), **2,** 93 (1977)
Council for Optical Radiation Measurements (Meeting Report), Billmeyer, F. W., Jr., **1,** 56 (1976)
Council for Optical Radiation Measurements, National Bureau of Standards, June 2–3, 1976 (Meeting Report), **1,** 159 (1976)
Eighth Annual CORM Meeting (Meeting Report), Karoli, A. R., **5,** 229 (1980)
Sixth Annual CORM Conference. May 17, 1978 (Meeting Report), **3,** 211 (1978)

Design

A Design Study Simulating Iridescence, Garrett, A., **3,** 161 (1978)
Canadian Society for Color (Meeting Report), Sharpe, L. T., **4,** 167 (1979)
Color Popularity in Automotive Finishes, Hall, J., **2,** 105 (1977)
Colour in Art, Design, Science, and Industry—Bridging the Gap (Meeting Report), Pointer, M. R., **3,** 94 (1978)
Review of *Color in Our Daily Lives*, by Deane B. Judd, Reviewed by Kelly, K. L., **2,** 98 (1977)
Review of *The Psychology of Color and Design*, by Deborah T. Sharpe, Reviewed by Styne, A. F., **2,** 145 (1977)
Tenth Conference of the Color Science Association of Japan (Meeting Report), Billmeyer, F. W., Jr., **5,** 59 (1980)
The House & Garden Color Program, Bertin, N., **3,** 71 (1978)

Education

Color and Spectroscopic Demonstrations with an Overhead Projector (Note), Billmeyer, F. W., Jr.; Alman, D. H., **1,** 201 (1976)
Conference on Colour Dynamics '76, Organized by the Hungarian National Colour Committee, Member of the AIC (Meeting Report), Schanda, J. D., **1,** 209 (1976)
Guide to Educational Opportunities, Publications, and Associations Dealing with Color and Appearance Technology (New Products for Color), MCCA, Inc., **5,** 222 (1980)
Induced Color Demonstrations Utilizing Colored Shadows (Note), Luke, J. T., **1,** 202 (1976)
Review of *Das Grundgesetz der Fabenlehre (The Fundamental Law of Color Science)*, by Harald Küppers, Reviewed by Kuehni, R. G., **4,** 49 (1979)
Review of *Introducing Colour: A Teachers' Booklet on Colour.* Society of Dyers and Colourists, Reviewed by Kuehni, R. G., **2,** 47 (1977)

Review of *Light and Color*, by Clarence Rainwater. Illustrated by Raymond Perlman. Edited by Vera L. Webster, Reviewed by Davidson, S. L., **2,** 193 (1977)
Review of *The Contrast of Colors*, by Ellen Marx, Reviewed by Davidson, S. L., **2,** 193 (1977)
Review of *The Sense of Color: A Portfolio of Visuals*, by Nathaniel Jacobson, Reviewed by Luke, J. T., **3,** 45 (1978)

Fluorescence

Additive Color Mixture with Fluorescent Pigments and Special Illumination, Strain, R. A., **1,** 146 (1976)
Calculation of the Spectral Radiance Factors of Luminescent Samples, Billmeyer, F. W., Jr.; Chong, T-F., **5,** 156 (1980)
Colorimetry of Fluorescent Materials: Visual Evaluation of Fluorescent Whites, Swenholt, B. K.; Grum, F.; Witzel, R. F., **3,** 141 (1978)
Colour-Rendering Assessment of Ultraviolet Emission in Light Sources, Henderson, S. T.; Halstead, M. B., **5,** 212 (1980)
Direct Absorptance Measurement of Fluorescent and Turbid Sampies in a 4π Geometry, Costa, L. F.; Grum, F.; Wightman, T. E., **1,** 193 (1976)
Integrating-Sphere Errors in the Colorimetry of Fluorescent Materials, Alman, D. H.; Billmeyer, F. W., Jr., **1,** 141 (1976)
Letter to the Editor, Luke, J. T., **1,** 208 (1976)
New Method for the Colorimetric Measurement of Opaque Fluorescent Samples, Alman, D. H.; Billmeyer, F. W., Jr., **2,** 19 (1977)
Problems of Fluorescence in Colorant Formulation, Ganz, E., **2,** 81 (1977)

Foods

Color Assessment of Experimentally Pigmented Rainbow Trout, Little, A. C.; Martinsen, C.; Sceurman, L., **4,** 92 (1979)
Colorimetry of Wines, Little, A. C., **5,** 51 (1980)
Review of *Food Colorimetry: Theory and Applications*, by F. J. Francis and F. M. Clydesdale, Reviewed by Yeatman, J. N., **1,** 210 (1976)
Review of *Food Colorimetry: Theory and Applications*, by F. J. Francis and F. M. Clydesdale, Reviewed by Noble, A. C., **1,** 212 (1976)
The Colour Group (Great Britain) Symposium on Food Colour and Appearance, University of Surrey, Guildford, England, April 3–5, 1978 (Meeting Report), Wright, W. D., **3,** 208 (1978)

Geometric aspects

Abstract: The Problem of Measuring and Matching Goniochromatic Materials, Johnston-Feller, R. M., **2,** 88 (1977)
A Design Study Simulating Iridescence, Garrett, A., **3,** 161 (1978)
Colours in Cellophane (Note), Edwards, S. J.; Langley, A. J., **4,** 164 (1979)
Direct Absorptance Measurement of Fluorescent and Turbid Samples in a 4π Geometry, Costa, L. F.; Grum, F.; Wightman, T. E., **1,** 193 (1976)
Integrating-Sphere Errors in the Colorimetry of Fluorescent Materials, Alman, D. H.; Billmeyer, F. W., Jr., **1,** 141 (1976)
Review of *The Measurement of Appearance*, by Richard S. Hunter, Reviewed by McCamy, C. S., **2,** 45 (1977)
The Gloss Trap in Diffuse Reflectance Measurements (Color Forum), Budde, W , **5,** 73 (1980)

German Color Science Society

Second Meeting of the German Color Science Society (Meeting Report), Strocka, D., **3,** 97 (1978)

Gloss

Color and Appearance—Bridging the Gap from Concept to Product, Styne, A. F., **1,** 79 (1976)
Review of *The Measurement of Appearance*. by Richard S. Hunter, Reviewed by McCamy, C. S., **2,** 45 (1977)
The Gloss Trap in Diffuse Reflectance Measurements (Color Forum), Budde, W., **5,** 73 (1980)

Graphic arts

Abstract: Color Reproduction in the Graphic Arts, Pearson, M.; Pobboravsky, I., **2,** 92 (1977)
Color Problems in Photography and Printing (Meeting Report), McCamy, C. S., **1,** 132 (1976)
Review of *The Reproduction of Colour In Photography, Printing and Television*, 3rd ed., by R. W. G. Hunt, Reviewed by Maitland, J. S., **2,** 146 (1977)
49th Annual ISCC Meeting (Meeting Report), Snow, G. H., **5,** 231 (1980)

History

Canadian Society for Color (News), Moreland, J. D., **1,** 6 (1976)
Color and Colorants in Ancient Egypt, Kuehni, R. G., **5,** 169 (1980)
Color Identification and Nomenclature: A History, Birren, F., **4,** 14 (1979)
History of the Munsell Color System, Company, and Foundation, I., Nickerson, D., **1,** 7 (1976)
History of the Munsell Color System, Company, and Foundation. II. Its Scientific Application, Nickerson, D., **1,** 69 (1976)
History of the Munsell Color System, Company, and Foundation. III., Nickerson, D., **1,** 121 (1976)
Inter-Society Color Council, Inc. (News), Billmeyer, F. W., Jr., **1,** 4 (1976)
ISCC Problems Committee, and Activities of Subcommittees: Brief History and Description (Meeting Report), Johnston-Feller, R. M., **1,** 131 (1976)
The Colour Group (Great Britain) (News), Pointer, M. R., **1,** 5 (1976)

Hungarian Chemical Society

Sixteenth Color Symposium of the Hungarian Chemical Society (Meeting Report), Schanda, J. D., **5,** 121 (1980)

Illuminants

A Comparison of Several Proposed Methods for Evaluating Daylight Simulators in the Ultraviolet Range (Color Forum), Alman, D. H.; Grum, F., **4,** 103 (1979)
Color Changes Caused by Specified Changes in the Illuminant, Ohta, N.; Wyszecki, G., **1,** 17 (1976)
Color Rendering Properties of Light Sources, Jerome, C. W., **1,** 37 (1976)
Enhancement of Chroma by the Design of Illuminants, Hemmendinger, H., **3,** 89 (1978)
Spectroradiometry and Colorimetry in the Lighting Industry, Jerome, C. W., **1,** 91 (1976)

Instruments

Accuracy of Reflectance Spectrophotometers and Linearity of Multipliers, Hoffmann, K., **1,** 148 (1976)
Long-Term Repeatability of Color-Measuring Instrumentation: Storing Numerical Standards, Marcus, R. T., **3,** 29 (1978)
The Spectro Sensor—A New Generation Spectrophotometer, Stanziola, R.; Momiroff, B.; Hemmendinger, H., **4,** 157 (1979)

ISCC

Brightstyle: A New Architectural Treatment (Meeting Report), Folley, M. D., **1,** 139 (1976)
Color-Difference Formulas and Industrial Small-Color-Difference Problems (Meeting Report), Kuehni, R. G., **1,** 136 (1976)
Color Matching Problems in Dentistry (Meeting Report), Sproull, R. C., **1,** 134 (1976)
Color Problems in Photography and Printing (Meeting Report), McCamy, C. S., **1,** 132 (1976)
Inter-Society Color Council Annual Meeting (Meeting Report), Davenport, J. S., **4,** 229 (1979)
Inter-Society Color Council, Inc. (News), Billmeyer, F. W., Jr., **1,** 4 (1976)
ISCC 1978 Annual Meeting (Meeting Report), Rich, R. M., **4,** 46 (1979)
ISCC Problems Committee, and Activities of Subcommittees: Brief History and Description (Meeting Report), Johnston-Feller, R. M., **1,** 131 (1976)
ISCC Second Technical Conference on Objectives of Pictorial Color Reproduction, Williamsburg, Virginia, February 5–8, 1978 (Meeting Report), Wright, W. D., **3,** 152 (1978)
Judd Memorial Conference on Color Metrics, Williamsburg, Virginia, February 11–14, 1979 (Meeting Report), Terstiege, H.;

Robertson, A. R., **4,** 166 (1979)
Plans for Validating the Color Aptitude Test (Meeting Report), Swenholt, B. K., **1,** 138 (1976)
Problems in Dye Strength Evaluation (Meeting Report), Garland, C. E., **1,** 137 (1976)
49th Annual ISCC Meeting (Meeting Report), Snow, G. H., **5,** 231 (1980)
45th Annual Meeting of the Inter-Society Color Council, New York, April 26–27, 1976 (Meeting Report), Gardner, G. B., **1,** 158 (1976)

Lighting

Additive Color Mixture with Fluorescent Pigments and Special Illumination, Strain, R. A., **1,** 146 (1976)
Spectroradiometry and Colorimetry in the Lighting Industry, Jerome, C. W., **1,** 91 (1976)

Marketing

Color as a Marketing Tool, Smith, R. G., **4,** 78 (1979)
Color Popularity in Automotive Finishes, Hall, J., **2,** 105 (1977)
Mass-Market Color Selection, Gantz, C. M., **3,** 137 (1978)
The House & Garden Color Program, Bertin, N., **3,** 71 (1978)

Measurement

Abstract: Measurement Variations and Formulation Accuracy, Hemmendinger, H., **1,** 174 (1976)
Abstract: Standardizing Measurements to Optimize Color Formulation, Venable, W. H., Jr., **1,** 174 (1976)
Accuracy of Reflectance Spectrophotometers and Linearity of Multipliers, Hoffmann, K., **1,** 148 (1976)
A Visual Approach to Controlling Metamerism, Longley, W. V., **1,** 43 (1976)
Calculation of the Spectral Radiance Factors of Luminescent Samples, Billmeyer, F. W., Jr.; Chong, T-F., **5,** 156 (1980)
Color Assessment of Experimentally Pigmented Rainbow Trout, Little, A. C.; Martinsen, C.; Sceurman, L., **4,** 92 (1979)
Color Changes of Dyeings in Spectrophotometers Using Heterochromatic Illumination, Hoffmann, K., **2,** 90 (1977)
Colorimetric Measurement of Retroreflecting Materials. II. Daytime Conditions, Asher, L. B.; Harrington, T. L.; Stephenson, H. F., **3,** 23 (1978)
Colour in Art, Design, Science, and Industry—Bridging the Gap (Meeting Report), Pointer, M. R., **3,** 94 (1978)
Colour Measurement and its Application (Meeting Report), Halstead, M. B., **4,** 106 (1979)
Determining Absorption and Scattering Constants for Pigments, Cairns, E. L.; Holtzen, D. A.; Spooner, D. L., **1,** 174 (1976)
Evaluation of Automotive Color Matches, Longley, W. V., **5,** 87 (1980)
Integrating-Sphere Errors in the Colorimetry of Fluorescent Materials, Alman, D. H.; Billmeyer, F. W., Jr., **1,** 141 (1976)
Long-Term Repeatability of Color-Measuring Instrumentation: Storing Numerical Standards, Marcus, R. T., **3,** 29 (1978)
Material Standards and Their Use in Color Measurement, Carter, E. C.; Billmeyer, F. W., Jr., **4,** 96 (1979)
Measurement of Luminance Factor, Saunders, S. B.; Grum, F., **2,** 121 (1977)
New Method for the Colorimetric Measurement of Opaque Fluorescent Samples, Alman, D. H.; Billmeyer, F. W., Jr., **2,** 19 (1977)
Properties of Standard Materials for Reflection, Erb, W.; Budde, W., **4,** 113 (1979)
Regression Analysis and the Evaluation of Color-Difference Metrics, Marcus, R. T.; Utter, M. L.; Wilkinson, J. W., **1,** 87 (1976)
1976 Remeasurement of NBS Spectrophotometer-Integrator Filters, Eckerle, K. L.; Venable, W. H., Jr., **2,** 137 (1977)
Review of *Authenticity in Art, The Scientific Detection of Forgery*, by Stuart J. Fleming, Reviewed by Zucker, J., **3,** 47 (1978)
Review of *Color Theory and its Application in Art and Design*, by George A. Agoston, Reviewed by Luke, J. T., **5,** 123 (1980)
Review of *El Color y su Medicion (Color and Its Measurement)*, by Roberto Daniel Lozano, Reviewed by Rodriguez, N., **4,** 235 (1979)
Review of *Food Colorimetry: Theory and Applications*, by F. J. Francis and F. M. Clydesdale, Reviewed by Yeatman, J. N., **1,** 210 (1976)
Review of *Food Colorimetry: Theory and Applications*, by F. J. Francis and F. M. Clydesdale, Reviewed by Noble, A. C., **1,** 212 (1976)
Review of *The Measurement of Appearance*, by Richard S. Hunter, Reviewed by McCamy, C. S., **2,** 45 (1977)
Review of *Vision et Mesure de la Couleur*, by Paul Kowaliski, Reviewed by Bartleson, C. J., **4,** 171 (1979)
Third Conference on Performance Testing in the Color and Appearance Collaborative Reference Program (Meeting Report), **1,** 56 (1976)

Metamerism

A Visual Approach to Controlling Metamerism, Longley, W. V., **1,** 43 (1976)
Color and Spectroscopic Demonstrations with an Overhead Projector (Note), Billmeyer, F. W., Jr.; Alman, D. H., **1,** 201 (1976)
Enhancement of Chroma by the Design of Illuminants, Hemmendinger, H., **3,** 89 (1978)
Evaluation of Automotive Color Matches, Longley, W. V., **5,** 87 (1980)
Intersection Nodes of Metameric Matches (Note), Kuehni, R. G., **4,** 101 (1979)
Letter to the Editor, McLaren, K., **3,** 155 (1978)
Location of the Nodes of Metameric Color Stimuli, Ohta, N.; Wyszecki, G., **2,** 183 (1977)
Observer Metamerism (Color Forum), Billmeyer, F. W., Jr.; Saltzman, M., **5,** 72 (1980)
Observer Metamerism in College-Age Observers (Color Forum), Nardi, M. A., **5,** 73 (1980)
Reply to Ohta–Wyszecki on Location of Nodes of Metameric Stimuli (Note), Thornton, W. A., **3,** 202 (1978)
What is Metamerism? (Color Forum), Rodrigues, A. B. J.; Besnoy, R., **5,** 220 (1980)

Munsell system

Absolute Identification of Colors in the Munsell Notation: Trainability and Systematic Shifts, Indow, T.; Watanabe, M., **5,** 81 (1980)
Color and Appearance—Bridging the Gap from Concept to Product, Styne, A. F., **1,** 79 (1976)
Conversion Equations to Munsell Value (Note), Raynal, J., **1,** 154 (1976)
Global Color Metrics and Color-Appearance Systems, Indow, T., **5,** 5 (1980)
History of the Munsell Color System, Company, and Foundation, I., Nickerson, D., **1,** 7 (1976)
History of the Munsell Color System, Company, and Foundation. II. Its Scientific Application, Nickerson, D., **1,** 69 (1976)
History of the Munsell Color System, Company, and Foundation. III., Nickerson, D., **1,** 121 (1976)
Iterative Calculations of Munsell Renotation Value Functions (Note), Stenius, A. S., **2,** 189 (1977)
Letter to the Editor, Rich, D. C., **1,** 208 (1976)
Review of *Chroma Cosmos 5000*, Japan Color Research Institute, Reviewed by Birren, F., **4,** 171 (1979)
Review of *Color in Business, Science and Industry*, 3rd Ed., by Deane B. Judd and Gunter Wyszecki, Reviewed by Saltzman, M., **1,** 210 (1976)
Review of *The Sense of Color: A Portfolio of Visuals*, by Nathaniel Jacobson, Reviewed by Luke, J. T., **3,** 45 (1978)
Toward a New Viewpoint for the Artist, Luke, J. T., **1,** 23 (1976)

Perception

Abstract: Color-Difference Perception and Scaling, Billmeyer, F. W., Jr.; Rich, R. M., **2,** 89 (1977)
A Sense of Illumination: Remarks on a New Approach to Color Expression, Birren, F., **2,** 69 (1977)
Brown, Bartleson, C. J., **1,** 181 (1976)
Canadian Society for Color (Meeting Report), Sharpe, L. T., **4,** 167 (1979)
Chromatic Difference Steps of Moderate Size Measured along Theoretically Critical Axes, Boynton, R. M.; Kambe, N., **5,** 13

(1980)
Color Metrics: Facts and Formulae, Friele, L. F. C., **4,** 194 (1979)
Colour in Art, Design, Science, and Industry—Bridging the Gap (Meeting Report), Pointer, M. R., **3,** 94 (1978)
Effect of Subtense and Surround Luminance on the Perception of a Coloured Field, Troscianko, T. S., **2,** 153 (1977)
Fine Color Metric (FCM), Friele, L. F. C., **3,** 53 (1978)
Letter to the Editor, Gerritsen, F., **2,** 190 (1977)
Observer Metamerism (Color Forum), Billmeyer, F. W., Jr.; Saltzman, M., **5,** 72 (1980)
Observer Metamerism in College-Age Observers (Color Forum), Nardi, M. A., **5,** 73 (1980)
Relationship between Perfumes and Colors, Deribere, M., **3,** 115 (1978)
Review of *Color Perception in Art*, by Faber Birren, Reviewed by Welker, J. K., **2,** 97 (1977)
Review of *Principles of Visual Perception*, by Carolyne M. Bloomer, Reviewed by Styne, A. F., **3,** 45 (1978)
Review of *The Perception of Color*, by Ralph M. Evans, Reviewed by Billmeyer, F. W., Jr., **1,** 60 (1976)
Review of *The Perception of Color*, by Ralph M. Evans, Reviewed by Fish, J. C., **2,** 197 (1977)
The Color Rule: A Device for Color-Vision Testing, Kaiser, P. K.; Hemmendinger, H., **5,** 65 (1980)

Photography

A Colorimetric Comparison of Colour Reproductions, Chalmers, A. N., **4,** 217 (1979)
Color Problems in Photography and Printing (Meeting Report), McCamy, C. S., **1,** 132 (1976)
Evaluation of Pictorial Color-Reproduction Appearance, Staes, K., **4,** 5 (1979)
Inter-Society Color Council Annual Meeting (Meeting Report), Davenport, J. S., **4,** 229 (1979)
Review of *The Reproduction of Colour*, by R. W. G. Hunt, Reviewed by Wright, W. D., **1,** 114 (1976)
Review of *The Reproduction of Colour In Photography, Printing and Television*, 3rd ed., by R. W. G. Hunt, Reviewed by Maitland, J. S., **2,** 146 (1977)

Psychology

Review of *Color and Human Response*, by Faber Birren, Reviewed by Styne, A. F., **5,** 182 (1980)
Review of *Color and Human Response*, by Faber Birren, Reviewed by Bliss, A. C., **5,** 183 (1980)
Review of *Color in Our Daily Lives*, by Deane B. Judd, Reviewed by Kelly, K. L., **2,** 98 (1977)
Review of *Farbe—ein phanomenales Fluidum*, by Paul Ulrich, Reviewed by Kuehni, R. G., **5,** 186 (1980)
Review of *The Color Mirror*, by Heinrich Frieling, Reviewed by Little, A. C., **2,** 145 (1977)
Review of *The Psychology of Color and Design*, by Deborah T. Sharpe, Reviewed by Styne, A. F., **2,** 145 (1977)

Radiometry and photometry

CORM-NBS Workshop on Problems of Flash Radiometry, Rochester, November 9, 1976 (Meeting Report), **2,** 93 (1977)
Direct Absorptance Measurement of Fluorescent and Turbid Samples in a 4π Geometry, Costa, L. F.; Grum, F.; Wightman, T. E., **1,** 193 (1976)
Letter to the Editor, Kessler, K. G., **2,** 52 (1977)
Measurement of Luminance Factor, Saunders, S. B.; Grum, F., **2,** 121 (1977)
New Value for Spectral Luminous Efficacy Recommended and New Definition for Photometric Unit Reconfirmed (News), **3,** 88 (1978)
Review of *El Color y su Medicion (Color and Its Measurement)*, by Roberto Daniel Lozano, Reviewed by Rodriguez, N., **4,** 235 (1979)
Review of *Vision et Mesure de la Couleur*, by Paul Kowaliski, Reviewed by Bartleson, C. J., **4,** 171 (1979)
18th Session of the International Commission on Illumination (CIE), Imperial College, London, England, September10-18, 1975 (Meeting Report), Grum, F., **1,** 105 (1976)
Spectroradiometry and Colorimetry in the Lighting Industry, Jerome, C. W., **1,** 91 (1976)

Reproduction

Abstract: Color Reproduction in the Graphic Arts, Pearson, M.; Pobboravsky, I., **2,** 92 (1977)
A Colorimetric Comparison of Colour Reproductions, Chalmers, A. N., **4,** 217 (1979)
Color Problems in Photography and Printing (Meeting Report), McCamy, C. S., **1,** 132 (1976)
Evaluation of Pictorial Color-Reproduction Appearance, Staes, K., **4,** 5 (1979)
ISCC Second Technical Conference on Objectives of Pictorial Color Reproduction, Williamsburg, Virginia, February 5–8, 1978 (Meeting Report), Wright, W. D., **3,** 152 (1978)
Measures of Colour Appearance in Colour Reproduction, Hunt, R. W. G., **4,** 39 (1979)
Proposal for an Empirical Approach to Color Reproduction, Rhodes, W. L., **3,** 197 (1978)
Review of *Color Separation Techniques, 2nd Ed.*, by Miles Southworth, Reviewed by Rhodes, W. L., **5,** 123 (1980)
Review of *The Reproduction of Colour*, by R. W. G. Hunt, Reviewed by Wright, W. D., **1,** 114 (1976)
Review of *The Reproduction of Colour In Photography, Printing and Television*, 3rd ed., by R. W. G. Hunt, Reviewed by Maitland, J. S., **2,** 146 (1977)
49th Annual ISCC Meeting (Meeting Report), Snow, G. H., **5,** 231 (1980)
The Effect of Toner Surface Structure on Color Gamut, Ruckdeschel, F. R., **3,** 169 (1978)

Retroreflection

Colorimetric Measurement of Retroreflecting Materials. II. Daytime Conditions, Asher, L. B.; Harrington, T. L.; Stephenson, H. F., **3,** 23 (1978)

Sources

Brightness and Luminance of Light-Emitting Diodes: Influence of Size and Defocus, Ronchi, L. R.; Macii, R.; Stefanacci, S. R.; Bassan, M., **5,** 207 (1980)
Color and Spectroscopic Demonstrations with an Overhead Projector (Note), Billmeyer, F. W., Jr.; Alman, D. H., **1,** 201 (1976)
Color Rendering Properties of Light Sources, Jerome, C. W., **1,** 37 (1976)
Colour-Rendering Assessment of Ultraviolet Emission in Light Sources, Henderson, S. T.; Halstead, M. B., **5,** 212 (1980)
Spectroradiometry and Colorimetry in the Lighting Industry, Jerome, C. W., **1,** 91 (1976)

SPE

Color Sessions at the Society of Plastics Engineers Annual Technical Conference, Atlantic City, New Jersey, April 26–29, 1976 (Meeting Report), Webber, T. G.; Reeve, T. B., **1,** 159 (1976)
Society of Plastics Engineers Color and Appearance Division Regional Technical Conference "Coloring of Plastics X," Cherry Hill, New Jersey, September 21–22, 1976 (Meeting Report), Longley, W. V., **2,** 40 (1977)
Society of Plastics Engineers, Color and Appearance Division, Regional Technical Conference "The Law and You," Boston, October 4–5, 1977 (Meeting Report), Longley, W. V., **3,** 98 (1978)
Society of Plastics Engineers Conference on Automotive Color (Meeting Report), Longley, W. V., **4,** 106 (1979)
Society of Plastics Engineers Conference on Color Control (Meeting Report), Longley, W. V., **5,** 121 (1980)

Standards

Long-Term Repeatability of Color-Measuring Instrumentation: Storing Numerical Standards, Marcus, R. T., **3,** 29 (1978)
Material Standards and Their Use in Color Measurement, Carter, E. C.; Billmeyer, F. W., Jr., **4,** 96 (1979)
Properties of Standard Materials for Reflection, Erb, W.; Budde, W., **4,** 113 (1979)
1976 Remeasurement of NBS Spectrophotometer-Integrator Filters,

Eckerle, K. L.; Venable, W. H., Jr., **2,** 137 (1977)
Review of *Color in Business, Science and Industry*, 3rd Ed., by Deane B. Judd and Gunter Wyszecki, Reviewed by Saltzman, M., **1,** 210 (1976)
The Spectro Sensor—A New Generation Spectrophotometer, Stanziola, R.; Momiroff, B.; Hemmendinger, H., **4,** 157 (1979)
119th Meeting of The Colour Group (Great Britain) on National and International Standards and Codes on Colour (Meeting Report), Pointer, M. R., **2,** 41 (1977)

Styling

Color Popularity in Automotive Finishes, Hall, J., **2,** 105 (1977)

Television

A Strategy for Automatic Television Colour-Balance Correction Involving a Floating White, Pearson, D. E.; Ray, A. K., **3,** 117 (1978)
Does Color Make the Joke Funnier?, Winckler, E. C., **5,** 57 (1980)
Inter-Society Color Council Annual Meeting (Meeting Report), Davenport, J. S., **4,** 229 (1979)
Review of *The Reproduction of Colour*, by R. W. G. Hunt, Reviewed by Wright, W. D., **1,** 114 (1976)
Review of *The Reproduction of Colour In Photography, Printing and Television*, 3rd ed., by R. W. G. Hunt, Reviewed by Maitland, J. S., **2,** 146 (1977)
TV Still Treats Color as a Novelty, Winckler, E. C., **3,** 105 (1978)

Terminology

Color-Difference Terminology (Color Forum), Longley, W. V., **4,** 45 (1979)
Color Identification and Nomenclature: A History, Birren, F., **4,** 14 (1979)
Colour-Mixture Terminology (Color Forum), Cox, W. D. G., **3,** 93 (1978)
Colour Terminology, Hunt, R. W. G., **3,** 79 (1978)
Letter to the Editor, Hunt, R. W. G., **3,** 205 (1978)
Letter to the Editor, Vaeck, S. V., **4,** 140 (1979)
Letter to the Editor, McLaren, K., **4,** 234 (1979)
Letter to the Editor, Author's Reply to R. W. G. Hunt, Brocklebank, R., **3,** 205 (1978)
Letter to the Editor, Author's Reply to S. V. Vaeck, Hunt, R. W. G., **4,** 140 (1979)
Letter to the Editor, Author's Reply to K. McLaren, Longley, W. V., **4,** 234 (1979)
Letter to the Editor, Editor's Note about McLaren and Longley, Billmeyer, F. W., Jr., **4,** 234 (1979)
The Specification of Colour Appearance. I. Concepts and Terms, Hunt, R. W. G., **2,** 55 (1977)

Tinting strength

Problems in Dye Strength Evaluation (Meeting Report), Garland, C. E., **1,** 137 (1976)
The Meaning of Tinting Strength (Color Forum), Zeller, R. C., **3,** 34 (1978)

Turbid media

Abstract: Is the Saunderson Correction Correct?, Keitch, J. A., **2,** 31 (1977)
Abstract: Radiative-Transfer Theory in the Practice of Colorant Formulation, Allen, E., **1,** 180 (1976)
Abstract: The Concentration Function—A Story of Success or Failure?, Simon, F. T., **1,** 180 (1976)
Determining Absorption and Scattering Constants for Pigments, Cairns, E. L.; Holtzen, D. A.; Spooner, D. L., **1,** 174 (1976)
Determining Dimensioned Values of Kubelka-Munk Scattering and Absorption Coefficients, Marcus, R. T., **3,** 183 (1978)
Determining Pigment Optical Properties for Use in the Mie and Many-Flux Theories, Billmeyer, F. W., Jr.; Chassaigne, P. G.; Dubois, J. F., **5,** 108 (1980)
Letter to the Editor, Stenius, A. S., **4,** 140 (1979)
Review of *Color in Business, Science and Industry*, 3rd Ed., by Deane B. Judd and Gunter Wyszecki, Reviewed by Saltzman, M., **1,** 210 (1976)
The Missing Variable: Internal Surface Reflection, Orchard, S. E., **2,** 26 (1977)
Where Instrumental Color Matching Is Today, Stearns, E. I., **1,** 169 (1976)

Universal Color Language

Color and Appearance—Bridging the Gap from Concept to Product, Styne, A. F., **1,** 79 (1976)

Vision testing

Experience with the Lovibond Colour Vision Analyser, Ensell, J. S., **3,** 11 (1978)
Observer Metamerism (Color Forum), Billmeyer, F. W., Jr.; Saltzman, M., **5,** 72 (1980)
Observer Metamerism in College-Age Observers (Color Forum), Nardi, M. A., **5,** 73 (1980)
Plans for Validating the Color Aptitude Test (Meeting Report), Swenholt, B. K., **1,** 138 (1976)
Review of *Colour Vision Deficiencies III: Proceedings of the Third Symposium of the International Research Group on Colour Deficiencies*, edited by Guy Verriest, Reviewed by Wasserman, G. S., **2,** 195 (1977)
Review of *Standard Pseudoisochromatic Plates*, by Hiroshi Ichikawa, Kaitiro Hukami, Shoko Tanabe, and Genro Kawakami, Reviewed by Kaiser, P. K., **5,** 60 (1980)
Terms of Reference of the Standardization Committee of the International Research Group on Colour Vision Deficiencies (News), **1,** 103 (1976)
The Color Rule: A Device for Color-Vision Testing, Kaiser, P. K.; Hemmendinger, H., **5,** 65 (1980)
Third Symposium of the International Research Group on Colour Vision Deficiencies, Amsterdam—Leiden, June 25-27, 1975 (Meeting Report), Brown, J. L., **1,** 108 (1976)

Author Index

Acree, W. L. See Connelly, R.
Allen, E.
Abstract: Radiative-Transfer Theory in the Practice of Colorant Formulation, **1,** 180 (1976)
Alman, D. H. See Billmeyer, F. W., Jr.
—; Grum, F.: A Comparison of Several Proposed Methods for Evaluating Daylight Simulators in the Ultraviolet Range (Color Forum), **4,** 103 (1979)
—; Billmeyer, F. W., Jr.: Integrating-Sphere Errors in the Colorimetry of Fluorescent Materials, **1,** 141 (1976)
—; Billmeyer, F. W., Jr.: New Method for the Colorimetric Measurement of Opaque Fluorescent Samples, **2,** 19 (1977)
Asher, L. B.
—; Harrington, T. L.; Stephenson, H. F.: Colorimetric Measurement of Retroreflecting Materials. II. Daytime Conditions, **3,** 23 (1978)

Bartleson, C. J.
Brown, **1,** 181 (1976)
Changes in Color Appearance with Variations in Chromatic Adaptation, **4,** 119 (1979)
Comparison of Chromatic-Adaptation Transforms, **3,** 129 (1978)
Predicting Corresponding Colors with Changes in Adaptation, **4,** 143 (1979)
Review of *Vision et Mesure de la Couleur*, by Paul Kowaliski, **4,** 171 (1979)
Bassan, M. See Ronchi, L. R.
Bertin, N.
The House & Garden Color Program, **3,** 71 (1978)
Besnoy, R. See Rodrigues, A. B. J.
Billmeyer, F. W., Jr. See Alman, D. H.; Carter, E. C.
—; Rich, R. M.: Abstract: Color-Difference Perception and Scaling, **2,** 89 (1977)
AIC Symposium on Color Appearance (Meeting Report), **4,** 230 (1979)
—; Chong, T-F.: Calculation of the Spectral Radiance Factors of Luminescent Samples, **5,** 156 (1980)
—; Alman, D. H.: Color and Spectroscopic Demonstrations with an Overhead Projector (Note), **1,** 201 (1976)
Council for Optical Radiation Measurements (Meeting Report), **1,** 56 (1976)
—; Chassaigne, P. G.; Dubois, J. F.: Determining Pigment Optical Properties for Use in the Mie and Many-Flux Theories, **5,** 108 (1980)
Inter-Society Color Council, Inc. (News), **1,** 4 (1976)
Letter to the Editor, Editor's Note about McLaren and Longley, **4,** 234 (1979)
—; Saltzman, M.: Observer Metamerism (Color Forum), **5,** 72 (1980)
Review of *Colorimetry and Spectrophotometry: A Bibliography of NBS Publications January 1906 through January 1973*, by Kenneth L. Kelly, **1,** 63 (1976)
Review of *The Perception of Color*, by Ralph M. Evans, **1,** 60 (1976)
Tenth Conference of the Color Science Association of Japan (Meeting Report), **5,** 59 (1980)
19th Quadrennial Session of the CIE (Meeting Report), **4,** 231 (1979)
Birren, F.
A Sense of Illumination: Remarks on a New Approach to Color Expression, **2,** 69 (1977)
Color Identification and Nomenclature: A History, **4,** 14 (1979)
Neo-Impressionism: The Most Scientific of All Schools of Color in Art, **4,** 200 (1979)
Review of *Chroma Cosmos 5000*, Japan Color Research Institute, **4,** 171 (1979)
Bliss, A. C.
Review of *Color and Human Response*, by Faber Birren, **5,** 183 (1980)
Boynton, R. M.
—; Kambe, N.: Chromatic Difference Steps of Moderate Size Measured along Theoretically Critical Axes, **5,** 13 (1980)
Brocklebank, R.
Letter to the Editor, Author's Reply to R. W. G. Hunt, **3,** 205 (1978)
Recollections of AIC COLOR 77 (Meeting Report), **3,** 37 (1978)
Brown, J. L.
Third Symposium of the International Research Group on Colour Vision Deficiencies, Amsterdam—Leiden, June 25–27, 1975 (Meeting Report), **1,** 108 (1976)
Brungs, M. P. See Warschewski, D.
Budde, W. See Erb, W.
The Gloss Trap in Diffuse Reflectance Measurements (Color Forum), **5,** 73 (1980)
Bullett, T. R.
Colour Control in the Surface Coatings Industry (Meeting Report), **4,** 170 (1979)
Bullock, L. M. See Pointer, M. R.

Cairns, E. L.
—; Holtzen, D. A.; Spooner, D. L.: Determining Absorption and Scattering Constants for Pigments, **1,** 174 (1976)
Carroll, J. D. See Chang, J. J.
Carter, E. C.
—; Billmeyer, F. W., Jr.: Material Standards and Their Use in Color Measurement, **4,** 96 (1979)
Chalmers, A. N.
A Colorimetric Comparison of Colour Reproductions, **4,** 217 (1979)
A Personal View of AIC COLOR 77 (Meeting Report), **3,** 40 (1978)
Chang, J. J.
—; Carroll, J. D.: Three are Not Enough: An INDSCAL Analysis Suggesting that Color Space Has Seven (±1) Dimensions, **5,** 193 (1980)
Chassaigne, P. G. See Billmeyer, F. W., Jr.
Chong, T-F. See Billmeyer, F. W., Jr.
Connelly, R.
—; Graham, L. A.; Acree, W. L.: Abstract: Who are Your Best Dyers Today—Machines or Men?, **2,** 32 (1977)
Costa, L. F.
—; Grum, F.; Wightman, T. E.: Direct Absorptance Measurement of Fluorescent and Turbid Samples in a 4π Geometry, **1,** 193 (1976)
Cox, W. D. G.
Colour-Mixture Terminology (Color Forum), **3,** 93 (1978)
Czibula, G. See Schanda, J. D.

Danyi, M. See Schanda, J. D.
Davenport, J. S.
Inter-Society Color Council Annual Meeting (Meeting Report), **4,** 229 (1979)
Davidson, H. R.
Advantages of a Semiautomatic Color-Control Computer Program, **2,** 38 (1977)
Review of *Computer Colorant Formulation*, by Rolf G. Kuehni, **1,** 114 (1976)
Davidson, S. L.
Review of *Color: Origins, Systems, Uses*, by Harald Küppers, **2,** 199 (1977)
Review of *Light and Color*, by Clarence Rainwater. Illustrated by Raymond Perlman. Edited by Vera L. Webster, **2,** 193 (1977)
Review of *The Color Handbook*, by Franklin R. Bruns, Jr., **2,** 199 (1977)
Review of *The Contrast of Colors*, by Ellen Marx, **2,** 193 (1977)
deKatch, J.
Reflections after AIC COLOR 77—A Painting in Words (Color Forum), **3,** 206 (1978)
Derby, R. E., Jr.
Abstract: The Color Matching Problem (and its Relation to Colorant Formulation), **1,** 173 (1976)

Deribere, M.
Relationship between Perfumes and Colors, **3,** 115 (1978)
Dubois, J. F. See Billmeyer, F. W., Jr.

Eckerle, K. L.
—; Venable, W. H., Jr.: 1976 Remeasurement of NBS Spectrophotometer-Integrator Filters, **2,** 137 (1977)
Edwards, S. J.
—; Langley, A. J.: Colours in Cellophane (Note), **4,** 164 (1979)
Ensell, J. S. See Pointer, M. R.
Experience with the Lovibond Colour Vision Analyser, **3,** 11 (1978)
Erb, W.
—; Budde, W.: Properties of Standard Materials for Reflection, **4,** 113 (1979)

Fish, J. C.
Review of *The Perception of Color*, by Ralph M. Evans, **2,** 197 (1977)
Folley, M. D.
Brightstyle: A New Architectural Treatment (Meeting Report), **1,** 139 (1976)
Friele, L. F. C.
Color Metrics: Facts and Formulae, **4,** 194 (1979)
Fine Color Metric (FCM), **3,** 53 (1978)

Gantz, C. M.
Mass-Market Color Selection, **3,** 137 (1978)
Ganz, E.
Problems of Fluorescence in Colorant Formulation, **2,** 81 (1977)
Gardner, G. B.
45th Annual Meeting of the Inter-Society Color Council, New York, April 26–27, 1976 (Meeting Report), **1,** 158 (1976)
Garland, C. E.
Problems in Dye Strength Evaluation (Meeting Report), **1,** 137 (1976)
Garrett, A.
A Design Study Simulating Iridescence, **3,** 161 (1978)
Gerritsen, F.
Evolution of the Color Diagram, **4,** 33 (1979)
Letter to the Editor, **2,** 190 (1977)
Goff, J. R.
—; Konopasek, M.; Ku, W.; Tincher, W. C.: Computer Colorant Formulation in APL (Note), **3,** 146 (1978)
Gordon, B.
Review of *Nature's Colors: Dyes From Plants*, by Ida Grae, **2,** 192 (1977)
Graham, L. A. See Connelly, R.
Greenstein, L. M.
Review of *The Splendor of Iridescence, Structural Color in the Animal World*, by Hilda Simon, **1,** 162 (1976)
Grum, F. See Alman, D. H.; Costa, L. F.; Saunders, S. B.; Swenholt, B. K.
—; Saunders, S. B.; MacAdam, D. L.: Concept of Correlated Color Temperature, **3,** 17 (1978)
Review of *L'Assortiment des Couleurs en Odontologie*, by Robert C. Sproull, translated by Henry Frajder, **3,** 99 (1978)
18th Session of the International Commission on Illumination (CIE), Imperial College, London, England, September10–18, 1975 (Meeting Report), **1,** 105 (1976)

Hall, J.
Color Popularity in Automotive Finishes, **2,** 105 (1977)
Halstead, M. B. See Henderson, S. T.
Colour Measurement and its Application (Meeting Report), **4,** 106 (1979)
Hammond, H. K., III
Review of *Proceedings of the 18th Session, CIE, London, 1975 (Compte Rendu, 18° Session, Londres 1975, Commission Internationale de l'Eclairage)*, **2,** 44 (1977)
Harrington, T. L. See Asher, L. B.
Hemmendinger, H. See Kaiser, P. K.; Stanziola, R.; Zeller, R. C.
Abstract: Measurement Variations and Formulation Accuracy, **1,** 174 (1976)
Enhancement of Chroma by the Design of Illuminants, **3,** 89 (1978)
Letter to the Editor, **5,** 144 (1980)
Tables for Computation of Tristimulus Values (Color Forum), **5,** 175 (1980)
Henderson, S. T.
—; Halstead, M. B.: Colour-Rendering Assessment of Ultraviolet Emission in Light Sources, **5,** 212 (1980)
Hoban, R. F.
Abstract: A Decade of Computer Colorant Formulation Experience, **2,** 37 (1977)
Hoffmann, K.
Accuracy of Reflectance Spectrophotometers and Linearity of Multipliers, **1,** 148 (1976)
Color Changes of Dyeings in Spectrophotometers Using Heterochromatic Illumination, **2,** 90 (1977)
Holdaway, H. W.
Matrix Partitioning Applied to Colorant Formulation with Four or More Dyes, **5,** 93 (1980)
Holtzen, D. A. See Cairns, E. L.
Hunt, R. W. G.
Colour Terminology, **3.** 79 (1978)
Letter to the Editor, **3,** 205 (1978)
Letter to the Editor, Author's Reply to S. V. Vaeck, **4,** 140 (1979)
Measures of Colour Appearance in Colour Reproduction, **4,** 39 (1979)
Sky-Blue Pink, **1,** 11 (1976)
The Specification of Colour Appearance. I. Concepts and Terms, **2,** 55 (1977)
The Specification of Colour Appearance. II. Effects of Changes in Viewing Conditions, **2,** 109 (1977)

Indow, T.
—; Watanabe, M.: Absolute Identification of Colors in the Munsell Notation: Trainability and Systematic Shifts, **5,** 81 (1980)
Global Color Metrics and Color-Appearance Systems, **5,** 5 (1980)

Jaeckel, S. M.
Letter to the Editor, **3,** 6 (1978)
Jerome, C. W.
Color Rendering Properties of Light Sources, **1,** 37 (1976)
Spectroradiometry and Colorimetry in the Lighting Industry, **1,** 91 (1976)
Johnston-Feller, R. M.
Abstract: The Problem of Measuring and Matching Goniochromatic Materials, **2,** 88 (1977)
ISCC Problems Committee, and Activities of Subcommittees: Brief History and Description (Meeting Report), **1,** 131 (1976)

Kaiser, P. K.
—; Wyszecki, G.: Additivity Failures in Heterochromatic Brightness Matching, **3,** 177 (1978)
Color at ARVO 75 (Meeting Report), **1,** 57 (1976)
Request for Brightness-Matching Data and Mathematical Colour-Vision Models (Color Forum), **3,** 148 (1978)
Review of *Standard Pseudoisochromatic Plates*, by Hiroshi Ichikawa, Kaitiro Hukami, Shoko Tanabe, and Genro Kawakami, **5,** 60 (1980)
—; Hemmendinger, H.: The Color Rule: A Device for Color-Vision Testing, **5,** 65 (1980)
Kambe, N. See Boynton, R. M.
Kandel, G. L.
Review of *Human Color Vision*, by Robert M. Boynton, **5,** 185 (1980)
Karoli, A. R.
Eighth Annual CORM Meeting (Meeting Report), **5,** 229 (1980)
Keitch, J. A.
Abstract: Is the Saunderson Correction Correct?, **2,** 31 (1977)
Kelly, K. L.
Review of *Color in Our Daily Lives*, by Deane B. Judd, **2,** 98 (1977)
Kessler, K. G.
Letter to the Editor, **2,** 52 (1977)
Konopasek, M. See Goff, J. R.
Ku, W. See Goff, J. R.
Kuehni, R. G.
An Analysis of the HATRA Acceptability Data, **2,** 85 (1977)
—; Marcus, R. T.: An Experiment in Visual Scaling of Small Color Differences, **4,** 83 (1979)
Color and Colorants in Ancient Egypt, **5,** 169 (1980)
Color-Difference Formulas and Industrial Small-Color-Difference

Problems (Meeting Report), **1,** 136 (1976)
Intersection Nodes of Metameric Matches (Note), **4,** 101 (1979)
Letter to the Editor, Author's Reply to Jaeckel, **3,** 6 (1978)
Need for Further Visual Studies of Small Color Differences (Color Forum), **2,** 187 (1977)
Review of *Beschreibung von Problemen der hoheren Farbmetrik mit Hilfe des Gegenfarbensystems (Description of problems of higher colorimetry with the aid of the opponent color system)*, by Dr. Klaus Richter, **5,** 184 (1980)
Review of *Das Grundgesetz der Fabenlehre (The Fundamental Law of Color Science)*, by Harald Küppers, **4,** 49 (1979)
Review of *Einfuhrung in die Farbmetrik*, by Manfred Richter, **2,** 97 (1977)
Review of *Farbe—ein phanomenales Fluidum*, by Paul Ulrich, **5,** 186 (1980)
Review of *Introducing Colour: A Teachers' Booklet on Colour*. Society of Dyers and Colourists, **2,** 47 (1977)
Review of *The Dyer's Art, Ikat, Batik, Plangi*, by Jack Lenor Larsen, with Alfred Buhler, Bronwen and Garret Solyom, **3,** 44 (1978)
Küppers, H.
Let's Say Goodbye to the Color Circle, **4,** 19 (1979)

Langley, A. J. See Edwards, S. J.
Levison, H. W.
Color Stability of Artists' Vehicles, **3,** 7 (1978)
Little, A. C.
—; Martinsen, C.; Sceurman, L.: Color Assessment of Experimentally Pigmented Rainbow Trout, **4,** 92 (1979)
Colorimetry of Wines, **5,** 51 (1980)
Review of *The Color Mirror*, by Heinrich Frieling, **2,** 145 (1977)
Longley, W. V.
A Visual Approach to Controlling Metamerism, **1,** 43 (1976)
Color-Difference Terminology (Color Forum), **4,** 45 (1979)
Evaluation of Automotive Color Matches, **5,** 87 (1980)
Letter to the Editor, Author's Reply to K. McLaren, **4,** 234 (1979)
Review of *Coloring of Plastics, Theory and Practice*, by Mukhtar Ahmed, **5,** 182 (1980)
Society of Plastics Engineers Color and Appearance Division Regional Technical Conference "Coloring of Plastics X," Cherry Hill, New Jersey, September 21–22, 1976 (Meeting Report), **2,** 40 (1977)
Society of Plastics Engineers, Color and Appearance Division, Regional Technical Conference "The Law and You," Boston, October 4–5, 1977 (Meeting Report), **3,** 98 (1978)
Society of Plastics Engineers Conference on Automotive Color (Meeting Report), **4,** 106 (1979)
Society of Plastics Engineers Conference on Color Control (Meeting Report), **5,** 121 (1980)
Lozano, R. D.
Evaluation of Different Color-Difference Formulae by Means of an Experiment on Color Scaling—Preliminary Report, **2,** 13 (1977)
Evaluation of Different Color-Difference Formulae by Means of an Experiment on Color Scaling: Final Report, **5,** 45 (1980)
Luke, J. T.
Compromises in Color Solids (Color Forum), **5,** 178 (1980)
Induced Color Demonstrations Utilizing Colored Shadows (Note), **1,** 202 (1976)
Letter to the Editor, **1,** 208 (1976)
Letter to the Editor, **3,** 155 (1978)
Review of *Artists' Pigments: Lightfastness Tests and Ratings*, by Henry W. Levison, **1,** 161 (1976)
Review of *Color Theory and its Application in Art and Design*, by George A. Agoston, **5,** 123 (1980)
Review of *The Sense of Color: A Portfolio of Visuals*, by Nathaniel Jacobson, **3,** 45 (1978)
Toward a New Viewpoint for the Artist, **1,** 23 (1976)

MacAdam, D. L. See Grum, F.
Judd's Contributions to Color Metrics and Evaluation of Color Differences, **4,** 177 (1979)
Review of *Theory and Practice of Color: A Color Theory Based on Laws of Perception*, by Frans Gerritsen, English Translation by Ruth de Vriendt, **1,** 212 (1976)
Macii, R. See Ronchi, L. R.
MacMillan, J.
Review of *Color Primer I & II*, by Richard D. Zakia and Hollis N. Todd, **2,** 46 (1977)
Maitland, J. S.
Review of *The Reproduction of Colour In Photography, Printing and Television*, 3rd ed., by R. W. G. Hunt, **2,** 146 (1977)
Makow, D. M.
Color Properties of Liquid Crystals and Their Application to Visual Arts, **4,** 25 (1979)
Marcus, R. T. See Kuehni, R. G.
Determining Dimensioned Values of Kubelka–Munk Scattering and Absorption Coefficients, **3,** 183 (1978)
ISCC Williamsburg Conference on Instrumental Colorant Formulation (Meeting Report), **1,** 103 (1976)
Long-Term Repeatability of Color-Measuring Instrumentation: Storing Numerical Standards, **3,** 29 (1978)
—; Utter, M. L.; Wilkinson, J. W.: Regression Analysis and the Evaluation of Color-Difference Metrics, **1,** 87 (1976)
Martinsen, C. See Little, A. C.
MCCA, Inc.
Guide to Educational Opportunities, Publications, and Associations Dealing with Color and Appearance Technology (New Products for Color), **5,** 222 (1980)
McCamy, C. S.
AIC COLOR 77 in Retrospect (Meeting Report), **3,** 35 (1978)
Color Problems in Photography and Printing (Meeting Report), **1,** 132 (1976)
Review of *The Measurement of Appearance*, by Richard S. Hunter, **2,** 45 (1977)
McKenzie, M.
Abstract: CCM—Fact not Fiction, **2,** 38 (1977)
McLaren, K.
Abstract: The Case for CIELAB, **2,** 89 (1977)
CIELAB Hue-Angle Anomalies at Low Tristimulus Ratios, **5,** 139 (1980)
Letter to the Editor, **3,** 155 (1978)
Letter to the Editor, **4,** 234 (1979)
Meszaros, M. See Schanda, J. D.
Minato, S.
Comparison of Colorant-Formulation Methods, **2,** 124 (1977)
Mohri, K. See Tsunashima, M.
Momiroff, B. See Stanziola, R.
Moreland, J. D.
Canadian Society for Color (News), **1,** 6 (1976)

Nardi, M. A.
Observer Metamerism in College-Age Observers (Color Forum), **5,** 73 (1980)
Nelson, R. See Stearns, E. I.
Nemcsics, A.
The Coloroid Color System, **5,** 113 (1980)
Nickerson, D.
History of the Munsell Color System, Company, and Foundation, I., **1,** 7 (1976)
History of the Munsell Color System, Company, and Foundation. II. Its Scientific Application, **1,** 69 (1976)
History of the Munsell Color System, Company, and Foundation. III., **1,** 121 (1976)
Noble, A. C.
Review of *Food Colorimetry: Theory and Applications*, by F. J. Francis and F. M. Clydesdale, **1,** 212 (1976)
Nunn, B. J.
Influence of Spatial Structure of Adaptation Fields on Parafoveal Colour Matches, **2,** 171 (1977)

Ohta, N.
—; Wyszecki, G.: Color Changes Caused by Specified Changes in the Illuminant, **1,** 17 (1976)
Correspondence Between CIELAB and CIELUV Color Differences, **2,** 178 (1977)
—; Wyszecki, G.: Location of the Nodes of Metameric Color Stimuli, **2,** 183 (1977)
Orchard, S. E.
The Missing Variable: Internal Surface Reflection, **2,** 26 (1977)
Orna, M. V.
Review of *Colour and Constitution of Organic Molecules*, by John Griffiths, **3,** 99 (1978)

The Chemistry behind the Artist's Palette, **3,** 189 (1978)

Pearson, D. E.
—; Ray, A. K.: A Strategy for Automatic Television Colour-Balance Correction Involving a Floating White, **3,** 117 (1978)
Pearson, M.
—; Pobboravsky, I.: Abstract: Color Reproduction in the Graphic Arts, **2,** 92 (1977)
Pobboravsky, I. See Pearson, M.
Pointer, M. R.
Colour in Art, Design, Science, and Industry—Bridging the Gap (Meeting Report), **3,** 94 (1978)
—; Ensell, J. S.; Bullock, L. M.: Grids for Assessing Colour Appearance, **2,** 131 (1977)
The Colour Group (Great Britain) (News), **1,** 5 (1976)
The Concept of Colourfulness and its Use for Deriving Grids for Assessing Colour Appearance, **5,** 99 (1980)
The Gamut of Real Surface Colours, **5,** 145 (1980)
119th Meeting of The Colour Group (Great Britain) on National and International Standards and Codes on Colour (Meeting Report), **2,** 41 (1977)

Ray, A. K. See Pearson, D. E.
Raynal, J.
Conversion Equations to Munsell Value (Note), **1,** 154 (1976)
Reeve, T. B. See Webber, T. G.
Rhodes, W. L.
Proposal for an Empirical Approach to Color Reproduction, **3,** 197 (1978)
Review of *Color Separation Techniques, 2nd Ed.*, by Miles Southworth, **5,** 123 (1980)
Rich, D. C.
A Color Metric from Opponent-Color Visual Channels, **5,** 76 (1980)
Letter to the Editor, **1,** 208 (1976)
Rich, R. M. See Billmeyer, F. W., Jr.
ISCC 1978 Annual Meeting (Meeting Report), **4,** 46 (1979)
Richter, K.
Cube-Root Color Spaces and Chromatic Adaptation, **5,** 25 (1980)
Robertson, A. R. See Terstiege, H.
CIE Guidelines for Coordinated Research on Colour-Difference Evaluation (Color Forum), **3,** 149 (1978)
ISCC Helson Memorial Symposium on Chromatic Adaptation (Meeting Report), **5,** 180 (1980)
The CIE 1976 Color-Difference Formulae, **2,** 7 (1977)
Rodrigues, A. B. J.
—; Besnoy, R.: What is Metamerism? (Color Forum), **5,** 220 (1980)
Rodriguez, N.
Review of *El Color y su Medicion (Color and Its Measurement)*, by Roberto Daniel Lozano, **4,** 235 (1979)
Ronchi, L. R.
—; Macii, R.; Stefanacci, S. R.; Bassan, M.: Brightness and Luminance of Light-Emitting Diodes: Influence of Size and Defocus, **5,** 207 (1980)
Ruckdeschel, F. R.
The Effect of Toner Surface Structure on Color Gamut, **3,** 169 (1978)

St. John, R.
Eight Million Formulations Later—Where Are We Now?, **2,** 32 (1977)
Saltzman, M. See Billmeyer, F. W., Jr.
Computer Color Matching—A View from Retirement, **1,** 167 (1976)
Review of *Color in Business, Science and Industry*, 3rd Ed., by Deane B. Judd and Gunter Wyszecki, **1,** 210 (1976)
Saunders, S. B. See Grum, F.
—; Grum, F.: Measurement of Luminance Factor, **2,** 121 (1977)
Sceurman, L. See Little, A. C.
Schanda, J. D.
—; Meszaros, M.; Czibula, G.: Calculating Correlated Color Temperature with a Desktop Programmable Calculator, **3,** 65 (1978)
Conference on Colour Dynamics '76, Organized by the Hungarian National Colour Committee, Member of the AIC (Meeting Report), **1,** 209 (1976)
—; Danyi, M.: Correlated Color-Temperature Calculations in the CIE 1976 Chromaticity Diagram, **2,** 161 (1977)
Sixteenth Color Symposium of the Hungarian Chemical Society (Meeting Report), **5,** 121 (1980)
Sharpe, L. T.
Canadian Society for Color (Meeting Report), **4,** 167 (1979)
Simon, F. T.
Abstract: The Concentration Function—A Story of Success or Failure?, **1,** 180 (1976)
Smith, R. G.
Color as a Marketing Tool, **4,** 78 (1979)
Snow, G. H.
49th Annual ISCC Meeting (Meeting Report), **5,** 231 (1980)
Sorimachi, M. See Tsunashima, M.
Spooner, D. L. See Cairns, E. L.
Sproull, R. C.
Color Matching Problems in Dentistry (Meeting Report), **1,** 134 (1976)
Staes, K.
Evaluation of Pictorial Color-Reproduction Appearance, **4,** 5 (1979)
Stanziola, R.
Abstract: Computer Color Control, What is Needed—Is it Worth the Trouble?, **2,** 37 (1977)
Color Differences Caused by Dye Weighing Errors (Industrial Note), **5,** 129 (1980)
—; Momiroff, B.; Hemmendinger, H.: The Spectro Sensor—A New Generation Spectrophotometer, **4,** 157 (1979)
Stearns, E. I.
Influence of Spectral Range of Standard Colorimetric Data on Tristimulus Calculations (Color Forum), **5,** 176 (1980)
—; Nelson, R.: Optimization in Color Matching Illustrated by the Correction of Over-Dyed Textile Batches (Note), **2,** 142 (1977)
Where Instrumental Color Matching Is Today, **1,** 169 (1976)
Stefanacci, S. R. See Ronchi, L. R.
Stenius, A. S.
A Study in Black: The CIELAB and CIELUV L^* Function for Very Low Values of Y, **3,** 109 (1978)
Conversion from Dominant Wavelength and Excitation Purity to CIELAB Coordinates (Note), **2,** 142 (1977)
Iterative Calculations of Munsell Renotation Value Functions (Note), **2,** 189 (1977)
Letter to the Editor, **4,** 140 (1979)
Stephenson, H. F. See Asher, L. B.
Strain, R. A.
Additive Color Mixture with Fluorescent Pigments and Special Illumination, **1,** 146 (1976)
Strocka, D.
Second Meeting of the German Color Science Society (Meeting Report), **3,** 97 (1978)
Stutz, G.
Abstract: Color Matching/Corrections/Adds—New Approaches, Techniques, Calculations and Improvements, **2,** 88 (1977)
Styne, A. F.
Color and Appearance—Bridging the Gap from Concept to Product, **1,** 79 (1976)
Review of *Color and Human Response*, by Faber Birren, **5,** 182 (1980)
Review of *Color for Architecture*, by Tom Porter and Byron Mikellides, **2,** 194 (1977)
Review of *Principles of Visual Perception*, by Carolyne M. Bloomer, **3,** 45 (1978)
Review of *The Psychology of Color and Design*, by Deborah T. Sharpe, **2,** 145 (1977)
Swenholt, B. K.
—; Grum, F.; Witzel, R. F.: Colorimetry of Fluorescent Materials: Visual Evaluation of Fluorescent Whites, **3,** 141 (1978)
Plans for Validating the Color Aptitude Test (Meeting Report), **1,** 138 (1976)

Terstiege, H.
—; Robertson, A. R.: Judd Memorial Conference on Color Metrics, Williamsburg, Virginia, February 11-14, 1979 (Meeting Report), **4,** 166 (1979)
Thornton, W. A.
Reply to Ohta-Wyszecki on Location of Nodes of Metameric Stimuli (Note), **3,** 202 (1978)
Tincher, W. C. See Goff, J. R.
Trezona, P. W.
The Effect of Rod Activity on Large Field Colour Matching, **1,** 95

(1976)
Troscianko, T. S.
Analysis of Colour-Scaling Data, **4,** 225 (1979)
Effect of Subtense and Surround Luminance on the Perception of a Coloured Field, **2,** 153 (1977)
Tsunashima, M.
—; Sorimachi, M.; Mohri, K.: Evaluation of Cadmium Pigments for Plastics Use, **4,** 66 (1979)

Utter, M. L. See Marcus, R. T.

Vaeck, S. V.
Letter to the Editor, **4,** 140 (1979)
Venable, W. H., Jr. See Eckerle, K. L.
Abstract: Standardizing Measurements to Optimize Color Formulation, **1,** 174 (1976)
Vienot, F.
New Equipment for the Measurement of Color-Matching Functions, **2,** 165 (1977)
Voke, J.
Fifth International Color Vision Conference (Meeting Report), **5,** 228 (1980)
Review of *Mechanisms of Colour Vision: Selected Papers*, by W. S. Stiles, **5,** 232 (1980)
Vos, J. J.
Colorimetric and Photometric Properties of a 2° Fundamental Observer, **3,** 125 (1978)
Line Elements and Physiological Models of Color Vision, **4,** 208 (1979)

Warschewski, D.
—; Brungs, M. P.: A Compact Computer Programme for the Specification of Dominant Wavelength and Purity (Note), **5,** 173 (1980)
Wasserman, G. S.
Review of *Colour Vision Deficiencies III: Proceedings of the Third Symposium of the International Research Group on Colour Deficiencies*, edited by Guy Verriest, **2,** 195 (1977)
The Physiology of Color Vision, **4,** 57 (1979)
Watanabe, M. See Indow, T.
Webber, T. G.
Colorants for Plastics: The Buyer-Seller Dialogue (Note), **1,** 51 (1976)
—; Reeve, T. B.: Color Sessions at the Society of Plastics Engineers Annual Technical Conference, Atlantic City, New Jersey, April 26–29, 1976 (Meeting Report), **1,** 159 (1976)
Weinstein, I.
An Art Director's View of AIC COLOR 77 (Meeting Report), **3,** 36 (1978)
Welker, J. K.
Review of *Color Perception in Art*, by Faber Birren, **2,** 97 (1977)
Werner, A. J.
Review of *Colour Generation and Control in Glass*, by C. R. Bamford (Meeting Report), **3,** 156 (1978)
Wich, E.
The Colour Index, **2,** 77 (1977)
Wightman, T. E. See Costa, L. F.
Wilkinson, J. W. See Marcus, R. T.
Winckler, E. C.
Does Color Make the Joke Funnier?, **5,** 57 (1980)
TV Still Treats Color as a Novelty, **3,** 105 (1978)
Winey, R. K.
Computer Color Matching with the Aid of Visual Techniques, **3,** 165 (1978)
Witzel, R. F. See Swenholt, B. K.
Wright, W. D.
ISCC Second Technical Conference on Objectives of Pictorial Color Reproduction, Williamsburg, Virginia, February 5–8, 1978 (Meeting Report), **3,** 152 (1978)
Review of *The Reproduction of Colour*, by R. W. G. Hunt, **1,** 114 (1976)
Review of *The Secret of Oliver Goldsmith*, by Munro MacLennan, **2,** 46 (1977)
The Colour Group (Great Britain) Symposium on Food Colour and Appearance, University of Surrey, Guildford, England, April 3–5, 1978 (Meeting Report), **3,** 208 (1978)
Wyszecki, G. See Kaiser, P. K.; Ohta, N.

Yeatman, J. N.
Review of *Food Colorimetry: Theory and Applications*, by F. J. Francis and F. M. Clydesdale, **1,** 210 (1976)

Zeller, R. C.
—; Hemmendinger, H.: Evaluation of Color-Difference Equations: A New Approach, **4,** 71 (1979)
The Meaning of Tinting Strength (Color Forum), **3,** 34 (1978)
Zucker, J.
Review of *Authenticity in Art, The Scientific Detection of Forgery*, by Stuart J. Fleming, **3,** 47 (1978)
Review of *National Gallery Technical Bulletin, Vol. 2*, **5,** 184 (1980)